

A CATALOGUE OF THE TYPE-SPECIMENS OF ODONATA PRESERVED IN THE NETHERLANDS

With a supplementary list of the Odonata types described by Dutch
scientists deposited in foreign institutional collections

by

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Rhenen

CONTENTS

I. Introduction	65
II. Annotated list of type-specimens in the Instituut voor taxonomische Zoölogie (formerly Zoölogisch Museum), Amsterdam	67
III. Annotated list of type-specimens in the Rijksmuseum van Natuurlijke Historie, Leiden	70
IV. Annotated list of type-specimens in foreign institutional collections described by Dutch authors	120
V. References	132
VI. Addenda to Part IV	137

I. INTRODUCTION

Following the example set by D. E. Kimmins, who before his retirement published four lists of the type-specimens of Odonata lodged in the collections of the British Museum (Natural History)²⁾, the purpose of the present paper is to offer somewhat similar lists of Odonata types to be found in other museum collections. The publication of type catalogues is advocated by the International Commission on Zoological Nomenclature (Recomm. 72 D4), and consultation of such lists has proved to be both convenient and interesting.

The present catalogue consists of three parts: in the first two parts are enumerated the types of all species-group taxa of Odonata deposited in institutional collections in the Netherlands, i.e. the Instituut voor taxonomische Zoölogie (formerly Zoölogisch Museum), afdeling Entomologie, Zeeburgerdijk 21, Amsterdam (ZMA) and the Rijksmuseum van Natuurlijke Historie, Raamsteeg 2, Leiden (ML). Similarly, the third part comprises a list of primary types of the dragonflies presently found in museum collections outside the Netherlands, notably only those which have originally been described by Dutch authors. As to this supplementary catalogue, it may be considered pretentious that such a selection should have been made. After due consideration, however, the preparation of it seemed justified and rewarding for the following reasons. Firstly, it was the only way to list all nominal taxa so far proposed by the few specialists of Dutch nationality, and by accumulating these the

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²⁾ Bull. Brit. Mus. (Nat. Hist.) Ent. 18 (1966), 22 (1968), 23 (1969) and 24 (1970).

writer could arrive at some sort of individual completeness not only with respect to his own work. In the second place, publication of this list may prove advantageous to future students inasmuch as paratypes, syntypes or duplicates of the new taxa listed are, in the great majority of cases, also available for study in the collection of the Rijksmuseum van Natuurlijke Historie at Leiden. I must confess that the main reason for having prepared these catalogues is because many authors, including myself, did not always mention or indicate a type-specimen in their earlier works. In point of fact they frequently preferred to define a new taxon from the total, or average, of all characters observed — provided that good series of specimens were available — rather than describe it from a single individual.

In all categories the names of taxa in the species-group are listed alphabetically. Only the names of Holotypes and Lectotypes are printed in clarendon (**bold**) type, all other names in *italics*. Perhaps more than in any other insect order, odonatologists are concerned about the sex of their specimens. In the majority of species, male and female are very different morphologically, and it is only too well known that the identification of females often meets with considerable difficulty. In view of this, the catalogue includes not only the taxa represented by holotypes and lectotypes of either sex but also a reference for the first described example(s) of the opposite sex. However, despite common usage among entomologists of the term Allotype, to denote the other sex of the described taxon, this term has been avoided as depending too much on the individual point of view; besides, this subjective qualification is not entitled to have the status of a primary type and *ipso facto* has no validity in nomenclature. The term in question is, therefore, replaced by "First described female" (or male), except when the sexes were actually found pairing ("in cop."). Consequently, all described allotypes occurring in the literature, whether designated by the author of the nominal species-group, or selected subsequently by others, are entered in the lists by the afore-mentioned indication, followed by all necessary data concerning its whereabouts. When only the so-called allotype of some earlier described taxon is represented in the collection, then the writer has contented himself with mentioning the taxon's name, its first describer, original generic combination and year of publication; full information then follows on the opposite sex, as for a primary type.

In the lists of primary types deposited in the Amsterdam and Leiden museums, the first described examples of the opposite sex which are found in foreign institutional collections, are incorporated simultaneously and provided with the appropriate depository symbols listed on page 120. The names of these "allotypic" individuals are not repeated in the third list just mentioned.

Each entry begins with the specific or subspecific name, the author of the genus in which it was described, and the reference by year, page and illustrations, if any. The status of the type is followed by the data on the labels and those found in the original description. In several instances the latter will be found to differ somewhat in arrangement from the original. For example, the spelling (or paraphrasing) of locality names are occasionally slightly altered or amplified in order to facilitate the location of places in modern as well as old atlases. On the other hand no attempt has been made to keep pace with the exertions of political advisers to change well-established geographical names of whole continents or parts of islands, such as Borneo, Celebes and New Guinea, into disputable terms like Kalimantan, Sulawesi and Irian, respectively. The changes involved are slight and always remain recognizable by comparing the dates of capture

with those given in the original or marked on the labels. In some exceptional cases it was considered advisable to transcribe the original labels parenthetically in full. The label data are followed by the family name, comments concerning the present status of the taxon, its generic assignment where differing from the original combination, and additional information if considered helpful.

Needless to say that, wherever in original descriptions unique specimens of either sex bear no indication as to their status of type, they are considered Holotypes and referred to as such in the corresponding reference. Similarly, in all cases where holotypes have been selected and indicated as such in the original or subsequent publications by the author of the taxon, they are also referred to in the lists as Holotypes. In those cases where in the original description, or in any other subsequent article published by the same author, a specimen was marked as "Type" (e.g., "Type in coll. Ris"), this is considered equivalent to a designation of Lectotype. No difference has been made in this catalogue between lectotypes already designated as such by the author (either originally or on a later occasion) and those presently selected by the writer. The new lectotype designations perhaps outnumber those recorded previously, because the concept of lectotype was not known until comparatively recently.

Besides types representing taxonomically available species and actually present in the collections as of 1971, the valid names of taxa whose types were stated to be found in museums but now are lost or destroyed, are included also, but enclosed in square brackets.

Types of secondary status, such as paratypes (and equivalents) or plesiotypes, etc., have not been included in the catalogue¹).

To enliven the dry subject, portraits are added of 23 Zygoptera and 18 Anisoptera whose types are found in the collections mentioned in this catalogue. These pictures are arranged in Plates 1—7, and for briefness' sake provided only with the species-group name printed beside each picture. Full information on these specimens is to be found in the original publications cited. These references are given at the end of the paper for all primary types.

This catalogue was completed July 31, 1971.

II. ANNOTATED LIST OF TYPE-SPECIMENS IN THE INSTITUUT VOOR TAXONOMISCHE ZOÖLOGIE (FORMERLY ZOÖLOGISCH MUSEUM), AMSTERDAM

albardae Selys (*Macrogomphus*), 1878a: 416—417. Lectotype ♂ and first described ♀. Bangka I., labelled by H. Albarda "*Macrogomphus Albardae* Selys. ♂. Banka" (♂), and [E. Sumatra] "*Macrogomphus Albardae* Selys. ♀. Sumatra (Lahat)" (♀). — Gomphidae.

Now *M. parallelogramma albardae* Selys.

albula Ris (*Teinobasis*), 1915b: 83, fig. 1. Holotype ♂. S.W. New Guinea, Lorentz River, 22.IX.1912, G. M. Versteeg, H. A. Lorentz Exped. — Coenagrionidae.

¹) In his "Was versteht man unter einem Typus", Heinicke (1959, Mitt. Insektenkde 3: 136—139) has rather confused the significance of the type concept by the re-introduction of the term "Typoid" and its derivatives. This irrelevant quibble has found its admirers among cataloguers on the European continent and led to ludicrous terms like "Metatypoides", "Paratypoides" and other absurdities, which are, of course, not to be taken seriously.

buruensis Lieftinck (*Nannophlebia*), 1926: 284—286, fig. 7—8. Lectotype ♂ (very immature) and first described ♀. Buru I. (S. Moluccas), Fakal, 30.VIII.1921, L. J. Toxopeus, labelled by M. A. L. androtype and gynetype, respectively. — Libellulidae. Plate 6.

A second pair, also from Buru, were collected at Mnges'wain, 875 m, 12-14.IV. 1921, by the same collector, the adult ♂ in better condition having been described and figured by Lieftinck (1930a: 308—309, fig. 2) (ML).

ciliata Ris (*Nesobasis*), 1913: 485—487, fig. 6. Holotype ♂ (semiad.). S.W. New Guinea, Lorentz River, Bivak Eiland, no date [IX.1909], H. A. Lorentz Exped. — Coenagrionidae.

First described ♀. S. New Guinea, Digul River, Mappi Post, IV.1938, J. M. van Ravenswaay Claasen (ML).

Type-species of *Plagulibasis* Lieftinck, 1949a: 176—178.

convergens Lieftinck (*Argiolestes*), 1949a: 47—48, fig. 13, 24. Lectotype ♂. N.W. New Guinea, Berau Peninsula (Vogelkop), Manokwari, 9.V.1903, Nieuw Guinea Exped.; with additional labels: Wahnesia sp. (unknown hand) and *Argiolestes* (*Wahnesia*) *obscura* Selys, det. Dr. F. Ris. — Megapodagrionidae.

dives Ris (subsp. of *Tetrathemis cladophila* Tillyard), 1913: 505—506. Lectotype ♂ and first described ♀. S.W. New Guinea, Lorentz River, Bivak Eiland, IX.1909, H. A. Lorentz Exped. — Libellulidae.

eurynome Lieftinck (*Macromia*), 1942: 563—564 (nom. nov.). Lectotype ♂. S.W. New Guinea, Lorentz River territ., Kloofbivak, ca. 700 m, 17.XI.1912, G. M. Versteeg, H. A. Lorentz Exped. — Corduliidae.

New name proposed for misidentified examples of either sex described and figured by Ris (1915b: 84—85, fig. 2—3) as *M. terpsichore* Foerster. The lectotype ♂ here selected was wrongly stated to be the allotype (Lieftinck, 1942: 564), the topotypical ♀ having been treated as such more appropriately on a later occasion (Lieftinck, 1952a: 445). A description and wing photograph of the latter (from Bivak Eiland, IX.1909, Lorentz Exped.) were published also by Ris (1913: 494—495, fig. 13, sub *M. terpsichore* Foerster).

[*forcipata* Morton (*Ischnura*), 1907 (♂). First described ♀ (juv., heterochrom.). N. India, W. Himalaya, Sutlej River valley, Sholtu, 2300 m, 4 miles from Kilba, 1.VII.1926, W. G. N. van der Sleen; destroyed. See Lieftinck, 1927: 91—92. — Coenagrionidae.]

fumosus Hagen (*Anax*), 1867: 43—44. Lectotype ♂. Ternate I. (N. Moluccas), with two labels in H. A. Hagen's writing: Ternate/*fumosus* Hagen. — Aeshnidae.

Selected by Lieftinck, 1942: 585, 594—595, fig. 2 and pl. 40 fig. 147. Specimens of this and many other species of Odonata were collected in the island by H. A. Bernstein, either in Dec. 1860, April-June 1861, or October 1861 (see Bernstein, 1865, Ned. Tijdschr. Dierk. 2: 329 q.v.).

First described ♀. Buru I. (S. Moluccas), various locs., V—VI.1921, L. J. Toxopeus (ML). See Lieftinck, 1926: 277—279.

Now *A. fumosus fumosus* Hagen.

hirundo Ris (*Lyriothemis*), 1913: 509—510. Holotype ♀. S.W. New Guinea, Lorentz River, Bivak Eiland, IX.1909, H. A. Lorentz Exped., with identification label: *L. hirundo* n. sp., det. Dr. F. Ris. — Libellulidae.

First described ♂. N. New Guinea, Humboldt Bay area, Hollandia, I—II.1931,

W. Stüber (ML), see Lieftinck, 1933d: 59—62, fig. 34.

hypsochila Lieftinck (*Huonia*), 1963c: 775—777, fig. 33—37. Holotype ♂ and first described ♀. S.W. New Guinea, Lorentz River basin, Bivak no. 3, 700—750 m, 16.XI.1909 (♂) and 8.XI.1909 (♀), H. A. Lorentz Exped. — Libellulidae.

Described and figured also by Ris (1912b: 743—744, fig. 422), sub *H. epinephela* Foerster.

lorentzi Ris (*Oreagrion*), 1913: 480—482, fig. 4a. Holotype ♀ (in fragments). Central W. New Guinea, Snow Mountain (Nassau) Range, Wichmann Mts., 3000 m, XI.1909, H. A. Lorentz Exped. Redescribed and figured by Lieftinck, 1949a: 205—206, fig. 244, 247. — Coenagrionidae.

Type-species of *Oreagrion* Ris (op. cit.).

macrostylis Ris (*Argiolestes*), 1913: 475. Holotype ♂ (immature). S.W. New Guinea, Lorentz River, Bivak Island, 14—28.IX.1909, H. A. Lorentz Exped. — Megapodagrionidae.

melpomene Ris (*Macromia*), 1913: 496—497, fig. 14—17. Holotype ♂ and first described ♀. S.W. New Guinea, Lorentz River territ., Bivak no. 3 (= Heuvelbivak), Went Mts., between Northwest (Beaufort) River and Lorentz River, 700—750 m, 12.X.1909 (♂) and 13.X.1909 (♀), H. A. Lorentz Exped. — Corduliidae.

nigrifrons Ris (*Caconeura*), 1913: 479. Holotype ♂ (terminal abd.-segments missing). S.W. New Guinea, Lorentz River, Bivak Eiland, I.1910, H. A. Lorentz Exped., with F. Ris's identification and type label: *Caconeura nigrifrons* n. sp. Type. — Protoneuridae.

Currently known as *Notoneura nigrifrons* (Ris).

nitescens Lieftinck (*Teinobasis*), 1935c: 253, 262—263, fig. 27. Holotype ♂ and first described ♀. S.W. New Guinea, Lorentz River, Bivak Eiland, I.1910 (♂) and Lorentz River, IX.1909 (♀), H. A. Lorentz Exped. — Coenagrionidae.

Nom. nov. pro *T. metallica metallica* Ris (1913: 487, fig. 8), nec *T. metallica* Foerster.

paula Ris (*Diplacina*), 1915b: 114. Lectotype ♂ (abd.-segments 5—10 missing). S.W. New Guinea, Lorentz River, Bivak Eiland, 1909, H. A. Lorentz Exped., *Diplacina fulgens* ♂, det. F. Ris (see Ris, 1913: 508—509, ♂ sub *D. fulgens* Ris). See Lieftinck, 1933d: 44, fig. 26. — Libellulidae.

First described complete ♂ and ♀. S. New Guinea, Digul River basin, Mappi Post, near Ederat, II.1939, J. M. van Ravenswaay Claasen (♂) and S.W. New Guinea, Sungei Arja (E. tributary of Umar River) W. of Uta, 26.VI.1941, E. Lundqvist (♀) (ML). See Lieftinck, 1953d: 159—161, fig. 1.

Now *D. paula paula* Ris.

petaurina Lieftinck (*Microtrigonia*), 1949a: 8. Holotype ♀. S.W. New Guinea, Lorentz River territ., Bivak no. 3, 700 m, 6.XI.1909, H. A. Lorentz Exped. — Libellulidae.

Nom. nov. pro *M. marsupialis* Ris, 1913: 506, and 1919: 1049—1050, fig. 609, nec *M. marsupialis* Foerster, 1903.

pseudexul Ris (*Caconeura*), 1913: 478—479, fig. 3. Lectotype ♂ (immature) and first described ♀. S.W. New Guinea, Lorentz River, Bivak Eiland (no date, ♂) and Rivier Eiland (= Bivak Eiland) (no date, ♀), H. A. Lorentz Exped. Identified on envelopes by F. Ris with: *Caconeura* spec. n. *e*, *pseudexul*, Type ♂ and ♀. — Protoneuridae.

Currently placed as *Notoneura pseudexul* (Ris).

reductum Ris (*Papuagrion*), 1913: 483, 484—485. Holotype ♂ (immature), S.W. New Guinea, Lorentz River, Bivak Eiland, no date, H. A. Lorentz Exped. Identified on envelope by F. Ris with: *Stenobasis?* spec. C ♂ juv., *Papuagrion* (n.g.) *reductum* ♂ nov. spec. Type, einziges Expl. — *Coenagrionidae*.

signiferum Lieftinck (*Orthetrum*), 1926: 288—290, fig. 12—14. Lectotype ♂ and first described ♀. Buru I. (S. Moluccas), Nal'Besi, 11.V.1921 (♂) and 5.VII.1921 (♀), L. J. Toxopeus. — *Libellulidae*.

A second pair, also from Buru, were taken by the same collector at Wai Eno, beginning of IV.1921, ♂ with pinned slide preparation of penile organ by K. F. Buchholz (ML).

silvarum Ris (*Hemicordulia*), 1913: 500, 504—505, fig. 24—26. Lectotype ♂ and first described ♀. S.W. New Guinea, Lorentz River territ., Bivak no. 3, 700—750 m, 8.XI.1909 (♂) and 12.XI.1909 (♀), H. A. Lorentz Exped. — *Corduliidae*.
tillyardi Ris (*Metaphya*) 1913: 497—499, fig. 18—19. Holotype ♀. S.W. New Guinea, Lorentz River, Bivak Eiland, IX.1909, H. A. Lorentz Exped. — *Corduliidae*.

First described ♂, see *Anacordulia stueberi* Lieft. (ML).

III. ANNOTATED LIST OF TYPE-SPECIMENS IN THE RIJSMUSEUM VAN NATUURLIJKE HISTORIE, LEIDEN

abbreviata Lieftinck (*Prodasineura*), 1951a: 76—80, 83, fig. 1, 2, 5, 6, 10—13.

Holotype ♂ and first described ♀. S.E. Borneo, Kandangan distr., Ampah, 0—20 m, IV—V.1948, Liem Swie Liong. — *Protoneuridae*.

aciculare Lieftinck (*Aciagrion*), 1929b: 117—121, fig. 10—11. Holotype ♂ and first described ♀. W. Java, Batavia, XI.1907 (♂) and X.1907 (♀), Edw. Jacobson. — *Coenagrionidae*.

acuta Lieftinck (*Plattycantha*), 1937a: 70—72, fig. 38, 41, 43—45. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, southern slopes of Mt. Cycloop, ca. 1000 m, 7.X.1932 (♂) and IV.1935 (♀), W. Stüber. — *Aeshnidae*. Plate 5.

acuticauda Lieftinck (*Ischnura*), 1959b: 222—225, fig. 5—6. Holotype ♂ and first described ♀. N.E. New Guinea, Upper Chimbu Valley, Mt. Wilhelm, above Keglsugl, 2700 m, 4.VIII.1955, J. L. Gressitt. — *Coenagrionidae*. Plate 2.

adami Fraser (*Libellago*), 1939 (♂). First described ♀. Ceylon, Central Prov., Hara-gama, 500 m, Mahaweliganga River, 18.IX.1938 (in cop.), M. A. Lieftinck. See Lieftinck, 1940a: 84—88, sub *L. miae* Lieft. — *Chlorocyphidae*.

aderces Lieftinck (*Agriocnemis*), 1932b: 597, 598—601, fig. 67. Lectotype ♂. N. New Guinea, Humboldt Bay area, Hollandia, 27.VIII—4.IX.1930, W. Stüber. First described ♀, same loc., I—II.1931, W. Stüber. — *Coenagrionidae*.

adonira Lieftinck (*Nannophlebia*), 1938: 118—119, fig. 48—49. Holotype ♂ and first described ♀. N. New Guinea, upper course of Tami River, Bewani Hills, 300—500 m, Arso, 11.IV.1937, W. Stüber. — *Libellulidae*.

adusta Lieftinck (subsp. of *Rhinocypha tincta* Ramb.), 1949b: 332—334, fig. 1. Holotype ♂. Solomon Is., Shortland Is., Hisiai River, 22.X.1936, R. A. Lever. — *Chlorocyphidae*.

- aemulus* Lieftinck (*Onychogomphus*), 1937b: 115—119, fig. 31—32. Holotype ♂. S. Sumatra, Lampong distr., Terbanggi-hilir near Menggala, 18.VIII.1936, M. Bartels Jr. — Gomphidae.
- aerostiba* Lieftinck (*Nannophlebia*), 1955d: 305—309, 312, fig. 1, 8—9. Holotype ♂ and first described ♀. Ambon I. (S. Moluccas), Soja di Atas, 400 m, 11.X.1949, M. A. Lieftinck. — Libellulidae.
- agalma* Lieftinck (*Nannophlebia*), 1963c: 755—757, fig. 5—7. Holotype ♂ and first described ♀. Papua, Central Province, 75 km W. of Pt. Moresby, Doa Estate, 20.X.1962 (♂) and 24.IX.1961 (♀), R. Straatman. — Libellulidae.
- aglaia* Lieftinck (*Nannophlebia*), 1948a: 239—243, fig. 5, 8. Holotype ♂ and first described ♀. S. Celebes, Bantimurung near Maros (Makassar distr.), 22.V.1941 (♂) and 8.VI.1941 (♀), L. Coomans de Ruiter. — Libellulidae.
- aglaia* Lieftinck (*Selysioneura*), 1953b: 646—647, 657, fig. 6, 10. Holotype ♂. Morotai I. (off Halmahera I.), SW-part, 10 m, V.1949, A. J. Kostermans. — Isostictidae. Plate 1.
- [*albardae* Selys (*Sieboldius*), 1886: CLXXXI—CLXXXII. Holotype ♂. "Pékin"; lost. — Gomphidae.]
- The type was neither recovered in de Selys' collection (IRSN) nor in the Leiden Museum.
- albinensis* Belle (*Aphylla*), 1970: 47—50, fig. 77—80, pl. 8a-b, 9b. Holotype ♂ and first described ♀. Surinam, Albina, 6.IV.1964 (♂) and 7.IV.1964 (♀), J. Belle. — Gomphidae.
- alcedo* Lieftinck (*Palaiargia*), 1949a: 115, 119—123, fig. 153—155. Lectotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River basin, Araucaria River, 700 m, 22.III.1939 (♂), and above Bernhard Camp, 750 m, 27.III.1939 (♀), L. J. Toxopeus (3rd Archbold Exped.) — Coenagrionidae.
- allecto* Lieftinck (*Synthemis*), 1953a: 72, 74, 84—88, fig. 12—14. Holotype ♂ and first described ♀. Halmahera I. (N. Moluccas), Mt. Sembilan, 600 m, 8.X.1951 (♂) and Mt. Siu, 600—700 m, 28.IX.1951 (♀), Sundanese collectors. — Coruliidae.
- alexia* Lieftinck (*Nannophlebia*), 1933d: 14, 15, 23—24, fig. 14—15. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, 26.VIII.1932, W. Stüber. — Libellulidae. Plate 6.
- alfurus* Lieftinck (*Argiolestes*), 1956b: 66, 72—75, fig. 1—2. Holotype ♂ and first described ♀. Batjan I. (N. Moluccas), Salawaku River, 50—150 m, 12—13.VI.1953, A. M. R. Wegner et al. — Megapodagrionidae.
- alfurus* Lieftinck (*Lestes*, sg. *Indolestes*), 1960c: 143—147, pl. 2 fig. 2, fig. 11, 18—20. Holotype ♂ and first described ♀. Halmahera I. (N. Moluccas), Mt. Sembilan, 600 m, 30.IX.1951, A. M. R. Wegner. — Lestidae.
- alia* Calvert (*Aphylla*), 1948 (♂). First described ♀. Venezuela, Guanoco, Sucre, 25. VIII.1951, J. Racénis. See Belle, 1970: 60—61, fig. 93. — Gomphidae.
- aliena* Selys (*Urothemis*), 1878b: 294—305 (holotype ♀, New Guinea). First described ♂. N. New Guinea, Humboldt Bay area, Hollandia, 0—400 m, XI—XII.1930, W. Stüber (see Lieftinck, 1942: 541—542, pl. 38 fig. 126). — Libellulidae.
- Currently placed as *U. signata aliena* Selys.
- alternans* Lieftinck (*Teinobasis*), 1935c: 251, 260—262, fig. 26. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Tami River plain, Nafri

- Road, 14.II.1933, W. Stüber. — *Coenagrionidae*.
- amabilis* Lieftinck (*Amphicnemis*), 1940b: 363, 366, 368—370, fig. 15, pl. 15 fig. 2. Holotype ♂ and first described ♀. E. Borneo, N. Kutai, Sangkulirang distr., Kariorang, IV.1937, M. E. Walsh. — *Coenagrionidae*.
- amabilis* Lieftinck (*Vestalis*), 1965b: 337, 349, fig. 4, 5, 9. Holotype ♂ and first described ♀. N.W. Borneo, Sabah-Sarawak boundary, Brunei Bay area, Dent Province, Mt. Marapok, coll. G., ♂ labelled "*Vestalis amoena* ♂" by R. Martin. — *Calopterygidae*.
- amanda* Lieftinck (subsp. of *Rhinocypha tincta* Ramb.), 1938: 68—69, fig. 1, 3 D-G, 4 L-M, 5 E. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, V. 1930, W. Stüber. — *Chlorocyphidae*.
- amaryllis* Lieftinck (*Nannophlebia*), 1955d: 316—318, fig. 13—14. Holotype ♂. N. New Guinea, Humboldt Bay area, Bewani River territ., ca. 500 m, Fumb River, 26.IV.1937, W. Stüber. — *Libellulidae*.
- amaryllis* Lieftinck (*Vestalis*), 1965b: 338, 345—348, fig. 2, 4, 6, 9a. Holotype ♂ and first described ♀. N.W. Borneo, W. Sarawak, slope of Mt. Santubong near Kuching, 30.IX.1950, M. A. Lieftinck. — *Calopterygidae*.
- amethystina* Lieftinck (*Vestalis*), 1965b: 338, 343—345, fig. 3, 6, 9. Holotype ♂ and first described ♀. S. Sumatra, Lampong distr., S-slope of Mt. Tanggamus, Giesting, 400 m, 24.XII.1934, M. A. Lieftinck. — *Calopterygidae*.
- amnicola* Lieftinck (*Vestalis*), 1965b: 338, 349—351, fig. 4, 7, 9. Holotype ♂. N. Borneo, Sabah, Mt. Kina Balu, coll. Staudinger, acq. 1903, labelled *Vestalis amoena* Selys, by R. Martin. — *Calopterygidae*.
- amnosia* Lieftinck (*Nannophlebia*), 1955d: 313—315, fig. 10—12. Holotype ♂ and first described ♀. W. New Guinea, western extremity, Sorong, near Remu, ca. 8 mi. inland, 24—31.X.1948, M. A. Lieftinck. — *Libellulidae*.
- amoena* Lieftinck (subsp. of *Diplacina phoebe* Ris), 1953d: 158, 180, fig. 9. Holotype ♂ and first described ♀, Halmahera I. (N. Moluccas), Tugauer-Tasoa, 100—150 m, 23.IX.1951, Sundanese collectors. — *Libellulidae*.
- amphicyllis* Lieftinck (*Nannophlebia*), 1933d: 15, 25—27, fig. 16—17. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Cycloop Mts., southern slopes, 1000 m, 9.IX.1932, W. Stüber. — *Libellulidae*.
Central N. New Guinea, Idenburg River basin, above Bernhard Camp, 700—750 m, Holotype ♂. Central N. New Guinea, Sahuweri River basin, Rattan Camp, 1200 m, 1.III.1939, L. J. Toxopeus (3rd Archbold Exped.). — *Megapodagrionidae*.
- amphidactylis* Lieftinck (*Arrhenocnemis*), 1949a: 92—93, fig. 99, 111—112, 128. Holotype ♂. Central N. New Guinea, Sahuweri River basin, Rattan Camp, 1200 m, 1.III.1939, L. J. Toxopeus (3rd Archbold Exped.). — *Megapodagrionidae*.
- amphistylus* Lieftinck (*Argiolestes*), 1949a: 41—42, fig. 22, 34, 35. Holotype ♂. Central N. New Guinea, Idenburg River basin, above Bernhard Camp, 700—750 m, 29.III.1939, L. J. Toxopeus (3rd Archbold Exped.). — *Megapodagrionidae*.
- ampycteria* Lieftinck (*Nannophlebia*), 1933d: 15, 22—23, fig. 13. Lectotype ♀. N. New Guinea, Humboldt Bay area, Hollandia, 17.IV.1931, W. Stüber. First described ♂. N. New Guinea, Upper course of Korimé River, Nonno (Japu) Hills, ca. 15 km S. of Bougainville Range, 400 m, 7—21.III.1936, W. Stüber (see Lieftinck, 1942: 455—456, pl. 25 fig. 29—31). — *Libellulidae*.
- amymone* Lieftinck (*Macromia*), 1952a: 444, 446—449, 461, 465—467, fig. 2, 6,

- 19—21. Holotype ♂ and first described ♀. W. New Guinea, western extremity, Remu, S. E. of Sorong, ca. 50 m, 28.VIII.1948 (♂) and 26.X.1948 (♀), M. A. Lieftinck. — Corduliidae.
- ancharis* Lieftinck (*Nannophlebia*), 1955d: 309—311, 313, fig. 5—7. Holotype ♂ and first described ♀. Halmahera I. (N. Moluccas), Tolewang, 50 m, 13.X.1951 (♂) and Mt. Sembilan, 600 m, 8.X.1951 (♀), A. M. R. Wegner. — Libellulidae.
- anacolosia* Lieftinck (*Vestalis*), 1965b: 336, 353—354, fig. 2, 4, 7, 9. Holotype ♂. N. Borneo, Sabah, E.-slope of Mt. Kinabalu, 10 mi. N. of Ranau, 1570 ft., Paring, 9.X.1958, T. C. Maa. — Calopterygidae.
- anatyia* Lieftinck (*Nannophlebia*), 1933d: 14, 18—19, fig. 9—10. Holotype ♂. N. New Guinea, Humboldt Bay area, Hollandia, plain country, IV—VI.1931, "Augen grün" (W.S.), W. Stüber. — Libellulidae.
- andromeda* Selys (*Cyclophylla*), 1869b (♀). First described ♂. Surinam, Sipaliwini River, 4.II.1961, D. C. Geijskes. See Belle, 1970: 145—150, fig. 237—247, 256 (♂ ♀ and larva), pl. 19b, 20a, 21c (sub *Negomphoides*). — Gomphidae.
- annae* Lieftinck (*Amphicnemis*), 1940b: 365, 367, 370—371, pl. 15 fig. 4, pl. 16 fig. 4. Holotype ♂ and first described ♀. W. Borneo, Singkawang, forest marsh near Tjapkala, 16.I.1934, L. Coomans de Ruiter. — Coenagrionidae.
- annulata* Fraser (*Protosticta*), 1926: 492. Holotype ♂ (juv., terminal abd.-segments lost). N. Celebes, Manado, labelled "Mohari" [= collector's name!], with F. C. Fraser's identification, marked "Type". — Platystictidae.
- Syn. of *Protosticta simplicinervis* Selys, 1885. — Syn. nov.
- annulipes* Lieftinck (*Argiolestes*), 1956b: 72, 102—105, fig. 39. Holotype ♂ and first described ♀ (both immature). Goodenough I. (d'Entrecasteaux Archip.), 900 m Camp, 27.X.1953, K. M. Wynn & L. J. Brass (4th Archbold Exped.). — Megapodagrionidae.
- anthaxia* Lieftinck (subsp. of *Diplacina phoebe* Ris), 1933d: 43, 49—52, fig. 29. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, 120 km E. of Hollandia, Kressi, 300 m, I.1932, W. Stüber. — Libellulidae.
- Now *N. anthaxia* Lieft.
- antiacantha* Lieftinck (*Nannophlebia*), 1963c: 752—755, fig. 1—4. Holotype ♂ and first described ♀. N.E. New Guinea, Eastern Highlands, Kratke Mts., Lae-Goroka Rd., Kassam, 1370 m, 26—29.IX.1959, L. J. Brass (6th Archbold Exped.). — Libellulidae.
- antigone* Lieftinck (*Diplacina*), 1933d: 42, 45—47, fig. 27. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Kressi (up to 120 km S.W. of Hollandia), ca. 300 m, I.1932, W. Stüber. — Libellulidae.
- appendiculatum* Lieftinck (*Mortonagrion*), 1937b: 102—104, fig. 24. Lectotype ♂ and first described ♀. Billiton I., Tandjong Pandan, 6—17.I.1937, F. J. Kuiper. — Coenagrionidae.
- approximatus* Belle (*Progomphus*), 1966a: 25—28, fig. 46—50. Holotype ♂ and first described ♀. Surinam, Mooi Wana (Weyneweg), 3.I.1964 (♂) and 4.I.1964 (♀), J. Belle. — Gomphidae.
- aquila* Lieftinck (*Tamea*), 1942: 526, 530, pl. 33 fig. 95, pl. 34 fig. 101. Holotype ♂ and first described ♀. N. New Guinea, southern Bewani Hills, upper course

of Tami River (5 days' march S. of Hollandia), Ampas distr., Pauwasi River, 200—300 m, 7.VI.1939, W. Stüber. — Libellulidae.

Now placed as *Trapezostigma aquila* (Lieft.), Hagen's earlier proposed generic name having priority.

arachne Ris (*Planiplax*), 1912b (♂). First described ♀. Surinam, Coropina Creek at Republiek, 15.III.1959 (♂ ♀), J. Belle. See Geijskes, 1964: 43—45, fig. 21. — Libellulidae.

arachnomima Lieftinck (*Macromia*), 1953f: 395—406, fig. 4—7. Holotype ♂ (reared from larva: with exuviae). S. Borneo, Sampit distr., ca. 50 m, Pemantan, 150 km inland, 26.VII.1953, forest brook, M. A. Lieftinck (larva ult); transformed at Bogor (Java), 2—3.IX.1953. — First described ♀ (reared from larva; with exuviae). Same data with holotype; transformed at Bogor (Java), 4.XI.1953. See Lieftinck, 1955c: 263—266, fig. 14. — Corduliidae.

arboricola Lieftinck (*Selysioneura*), 1959a: 286—288, fig. 4, 9, 17—18. Holotype ♂. Fergusson I. (d'Entrecasteaux Archip.), mountain camp between Agamoia and Ailuluai, southcoast, 900 m, 14.VI.1956, L. J. Brass (5th Archbold Exped.). — Isostictidae. Plate 1.

arborophila Lieftinck (*Huonia*), 1942: 487—488. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, 120 km E. of Hollandia, Kressi, 300 m, I. 1932, W. Stüber. — Libellulidae. Plate 6.

See also Lieftinck, 1935c: 277—279 (partim), fig. 36C, 38—39 (sub *H. thalassophila* Foerster).

Now classified as *H. arborophila arborophila* Lieft. (1963c: 777—778).

arcuata Lieftinck (*Drepanosticta*), 1934d: 469—470, 471, pl. 10 fig. 1, 2, 4. Lectotype ♂ and first described ♀. S.W. Sumatra, Lampong distr., Waitebu near Talangpadang, 500 m, 24.VI.1934 (♂) and same area, Wailalään, 250 m, 22.VI.1934 (♀), L. J. Toxopeus. — Platystictidae.

arcuata Lieftinck (*Coeliccia*), 1940b: 353—355, fig. 7—8. Holotype ♂ and first described ♀. E. Borneo, N. Kutai, Sangkulirang distr., Batu Besi, V—VI.1934, M. E. Walsh. — Platycnemididae.

arethusia Lieftinck (*Nannophlebia*), 1948a: 237—239, 243, fig. 5, 7. Holotype ♂ and first described ♀. S. Moluccas, Ambon I., 20.XI.1921, L. J. Toxopeus (♂) and Ambon, Sungei Waitumu, 23.IV.1941, Sundanese collector Manis (♀). — Libellulidae. Plate 6.

The holotype was first described and figured by the same author in 1926, sub *N. lorquini lorquini* Selys (see Lieftinck, 1926: 284, fig. 5—6).

argiocnemis Lieftinck (*Teinobasis*), 1949a: 165—167, fig. 210—211. Holotype ♂ and first described ♀. N. Central New Guinea, Idenburg River, Bernhard Camp B, 100 m, 11.IV.1939 (♂) and Bernhard Camp, 50 m, 7.II.1939 (♀), L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae.

ariel Lieftinck (*Ischnura*), 1949a: 223—225, fig. 276, 279—280, 285—286. Holotype ♂ and first described ♀. West Central New Guinea, Wissel Lakes group, Lake Paniai, 1740 m, 21.VIII.1939, H. Boschma (Le Roux Exped.). — Coenagrionidae. Plate 2.

armeniicum Lieftinck (*Oreagrion*), 1949a: 211—216, fig. 248, 254—255, 258—259, 267, 271—272. Holotype ♂ and first described ♀. Central W. New Guinea, Snow Mountain (Nassau) Range, Lake Habbema, 3250 m, 1—4.IX.1938, L. J.

Toxopeus (3rd Archbold Exped.). — Coenagrionidae. Plate 3.

armeniacus Lieftinck (*Argiolestes*), 1956b: 70, 90—93, fig. 25—27. Holotype ♂ and first described ♀. Goodenough I. (d'Entrecasteaux Archip.), 900 m Camp, east slopes, 26—27.X.1953, K. M. Wynn & L. J. Brass (4th Archbold Exped.). — Megapodagrionidae.

arses Lieftinck (*Palaiargia*), 1957: 54—58, fig. 14. Holotype ♂ and first described ♀. W. New Guinea, Berau Peninsula (Vogelkop), Beraur River area, Klamono oilfields (50 km from westcoast inland), 50 m, 22—24.VIII.1948, M. A. Lieftinck. — Coenagrionidae.

arsinoe Lieftinck (*Gynacantha*), 1948c: 422—424, 426—427, fig. 3. Holotype ♂. Talaud Is. (off N.E. Celebes), Salebabu I., "Salibaboe, coll. Staudinger, acq. 1903", and "*Gynacantha basiguttata*", in R. Martin's handwriting. — First described ♀: with label "*Gynacantha* n. sp.! Salibaboe" (unknown hand) (NRS), see Lieftinck, 1948c: 422—427. — Aeshnidae.

artemis Lieftinck (*Procordulia*), 1930b: 159—162, 164, fig. 23—25. Lectotype ♂ and first described ♀ (ovipositing). W. Java, Priangan, old crater-lake at Kawah Kamodjan near Garut, 1650 m, 19.IV.1930, M. A. Lieftinck. — Corduliidae.

arthuri Lieftinck (*Burmagomphus*), 1953e: 251—252, fig. 7. Holotype ♀. S.E. Borneo, Kutai, Balikpapan, Sungai Mentawir, sea-level, 6.X.1950, A. M. R. Wegner. — Gomphidae.

In Lieftinck, 1954: 88, for ♂ read ♀.

arthuri Lieftinck (*Gynacantha*), 1953c: 177—179, fig. 46. Holotype ♂ and allotype ♀ (in cop.), W. Sumba I. (Lesser Sunda Is.), Waimangura, Matakori, 436 m, 21.VIII.1949, A. M. R. Wegner (Sumba Exped.). — Aeshnidae.

aruana Lieftinck (*Huonia*), 1942: 491, 492, pl. 26 fig. 38—39. Holotype ♂. Aru Is., Dobo, V.1932, native coll., M. E. Walsh ded. — Libellulidae.

assidua Lieftinck [subsp. of *Cratilla lineata* (Brauer)], 1953c: 202—206, fig. 71. Holotype ♂ and first described ♀. Central Java, Banjumas, Mt. Slamet, Baturaden, 800 m, 25.IV.1929, F. C. Drescher. — Libellulidae.

assimilis Selys (*Hemicordulia*?), 1871: 251—252 (17—18 sep.). Holotype ♀ (immature). N. Celebes: Rosenberg Celebes (print), Limbotto (written), 6 Hag. 65 (written, yellow label), over drawer-label *Hemicordulia assimilis* Hagen. — Corduliidae.

Three males bear identical locality labels, one adult ♂ carrying a label *Hemicordulia assimilis* Hagen, in de Selys' handwriting.

Correctly placed in *Hemicordulia*.

astarte Lieftinck (*Macromia*), 1971b: 42—44, fig. 21, 27—28. Holotype ♂ and first described ♀. Papua, Kokoda Trail, 700 m, 5.XI.1969 (♂) and Papua, Sogeri, N. of Pt. Moresby, 500 m, 3.XI.1969 (♀ semiad.), both R. Straatman. — Corduliidae.

asthenes Lieftinck (*Phaenandrogomphus*), 1964b: 6—14, fig. 1—13. Holotype ♂. Malay Peninsula, Selangor, Templer Park, 12—13 mi. from Kuala Lumpur, roadside stream, 26.III.1963, M. A. Lieftinck. — Gomphidae.

First described ♀ (op. cit.). Malay Peninsula, "Wasserscheide zwischen Perak u. Pahang, Inner Malakka, Camp Jor, Albert Grubauer 1901", ex coll. F. Förster (UMMZ).

Type-species of *Phaenandrogomphus* Lieftinck (op. cit.).

astridae Lieftinck (*Procordulia*), 1935a: 189—190. Lectotype ♀ (semiadult) and

first described ♂ (immature, in fragments). N. New Guinea, Humboldt Bay area, Cycloop Mts., 1000 m, 19.V.1932 (♀) and 14.IV.1935 (♂), W. Stüber. — Corduliidae.

Although this insect, upon the discovery of a topotypical ♂, was recognized as a species distinct from *P. sylvia* Lieft., I have selected the ♀ as lectotype (mentioned as "type" in my later account, 1942: 559), the ♂ being in poor condition. The terminalia of fully adult topotypical ♂ and ♀ were figured in the paper last mentioned (1942, pl. 37 fig. 120—122).

atlanticus Belle (*Negomphoides*), 1970: 133—136, fig. 218—222, pl. 20b. Holotype ♂. Surinam, Coppename river, Raleigh Falls, forest 1 km from river, 21.VIII.1957, D. C. Geijskes. — Gomphidae.

atomarius Lieftinck (*Podolestes*), 1950c: 40—44, fig. 1—2. Holotype ♂ and first described ♀. S.E. Borneo, Kandungan distr., Ampah, 0—20 m, IV—V.1948, Liem Swie Liong. — Megapodagrionidae.

atrovirens Lieftinck (*Macromidia*), 1935a: 194—196. Holotype ♀. S. Sumatra, Benkulen distr., Bukit Itam, 6—700 m, 11—15.VI.1935, M. E. Walsh. — Corduliidae.

attala Lieftinck (*Drepanosticta*), 1934d: 472—474, fig. 2—3. Holotype ♂ and first described ♀. W. Borneo, Singkawang-Bengkajang Rd., forest brook near Serukan, hill country, 16.IV.1934 (♂) and 28.I.1934 (♀), L. Coomans de Ruiter. — Platystictidae.

audax Lieftinck (subsp. of *Gomphidia abbotti* Williamson), 1948a: 263—264, 266, fig. 13—15. Lectotype ♂. S. Sumatra, Lampong distr., Terbanggi-hilir near Menggala, 19.VIII.1936, M. Bartels Jr. — Gomphidae.

aulicus Lieftinck (*Argiolestes*), 1949a: 43—44, fig. 23. Holotype ♀. Central W. New Guinea, Bernhard Camp B, 150 m, "waterfall", 13.IV.1939, J. Olthof (3rd Archbold Exped.). — Megapodagrionidae.

aurantiaca Lieftinck (*Notoneura*), 1938: 94—95, fig. 29—30. Lectotype ♂ and first described ♀. W. New Guinea, Onin Peninsula (western extremity), Fak Fak, 28—29.XII.1912, H. Elgner. Both misidentified with *Caconeura plagiata*: Ris, 1915b: 90—91, fig. 10; nec *Alloneura plagiata* Selys, 1886 (♂ Misool I.). — Protoneuridae.

aurea Lieftinck (*Teinobasis*), 1932b: 585—587, fig. 63. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Pim River, near Hollandia, 200 m, 30.V.1931, W. Stüber. — Coenagrionidae.

aurea Lieftinck (*Pachycypha*), 1950a: 631—638, fig. 1—3. Holotype ♂ and first described ♀. S.E. Borneo, Kandungan distr., 7 km N.E. of Ampah, near Ranamun, 19.V.1948 (♂) and 22.V.1948 (♀), Liem Swie Liong. — Chlorocyphidae.

Type-species of *Pachycypha* Lieftinck (op. cit.).

aureofrons Lieftinck (*Cyanocnemis*), 1949a: 107—112, fig. 104, 114, 117—119, 125—127. Holotype ♂ and first described ♀. Central W. New Guinea, Sahuweri River valley, Araucaria Camp, 800 m, 17.III.1939, L. J. Toxopeus (3rd Archbold Exped.). — Platycnemididae.

Type-species of *Cyanocnemis* Lieftinck (op. cit.).

auriculatum Lieftinck (*Papuagrion*), 1937a: 27, 39—41, fig. 27—28. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, southern slope of Mt. Cycloop, 1000 m, 2.IX.1933 (♂) and 20.IX.1934 (♀), W. Stüber. — Coenagrionidae.

- auripennis* Geijskes (*Aeschnosoma*), 1970: 27—28, fig. 26—27, pl. 2a. Holotype ♀. Surinam, upper Coropina creek near Zanderij, 6.II.1946, D. C. Geijskes. — *Coruliidae*.
- austeni* Lieftinck (*Drepanosticta*), 1940a: 89—91, fig. 2. Lectotype ♂ and first described ♂. Waigeu I., off West New Guinea, labelled "Waigeoe, Bernstein"¹). — *Platystictidae*.
- australis* Guérin-Ménéville (*Agrion*), 1832: 196 (holotype ♀ Offak, Waigeu I.). First described ♂. Waigeu I., off West New Guinea, labelled "Waigeoe, Bernstein"¹). One of two males redescribed, figured and selected as allotype by Lieftinck, 1938: 70—73, fig. 6, 7a, 8. — *Megapodagrionidae*.
- Type-species of *Argiolestes* Selys, 1862.
- australis* Hagen (*Epophthalmia*), 1867: 61—62. Holotype ♂. "Celebes [N. Celebes, Minahasa], Limbotto, Rosenberg" (print) and "7 Hag. 65" (written, orange label). Designated by Lieftinck, 1931: 64. — *Corduliidae*.
- austrosundanus* Lieftinck (subsp. of *Burmagomphus williamsoni* Foerster), 1964b: 25—26. Holotype ♂ and first described ♀. E. Sumba I. (Lesser Sunda Is.), Laluku, 4.VII.1949 (♂) and Wai Lekabe, 28.VI.1949 (♀), A. M. R. Wegner et al. (Sumba Exped.). — *Gomphidae*.
- axiagasta* Lieftinck (*Nannophlebia*), 1933d: 14, 15, 16—17, fig. 7—8. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, III.1931 (♂) and IV—VI.1931 (♀), W. Stüber. — *Libellulidae*.
- balteatum* Lieftinck (*Orthetrum*), 1933d: 63—66, fig. 35. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, plain country, III.1931, W. Stüber. — *Libellulidae*.
- banteng* Lieftinck (*Onychogomphus*), 1929b: 133—136, fig. 25—27. Holotype ♂. W. Java, Djampang, Pandan Arum [Estate on slope of Mt. Salak], 1000 m, VI.1916, native coll., ex coll. W. Roepke. — *Gomphidae*.
- barbatula* Lieftinck (*Drepanosticta*), 1940b: 351—353, fig. 6. Holotype ♂. E. Borneo, N. Kutai, Sangkulirang distr., Batu Besi, VI.1937, M. E. Walsh. — *Platystictidae*.
- bartelsi* Lieftinck (*Drepanosticta*), 1937b: 70—72, fig. 8. Holotype ♂ and first described ♀. S.W. Java, Tjidamar near Tjitoë, ca. 40 m, 13.IX.1935, M. Bartels Jr. — *Platystictidae*.
- bartelsi* Lieftinck (*Heliaeschna*), 1940b: 386—390. Holotype ♂ and first described ♀. W. Borneo, Singkawang distr., near Bakuan, 9—10.IV.1934, L. Coomans de Ruiter. — *Aeshnidae*.
- basilanensis* Laidlaw (subsp. of *Devadatta podolestoides* Laidlaw), 1934: 102—103. Lectotype ♂ and first described ♀. Philippine Is., Basilan I., Maloong, XII.1932, K. Kuwasima. — *Amphipterygidae*.
- basitincta* Lieftinck [subsp. of *Amphiaeschna ampla* (Rambur)], 1940b: 385—386. Holotype ♂ and first described ♀. S.W. Sumatra, Benkulen distr., Tandjong Sakti near Pagaralam, 600 m, 27.V.1935 (♂) and Muara Tenam, 250 m, 16—23.VI.1935 (♀), M. E. Walsh. — *Aeshnidae*.
- batjanum* Asahina (*Ceriagrion*), 1967: 267—269, 321, fig. 32—37. Holotype ♂

¹) H. A. Bernstein collected in the island of Waigeu from about mid March till the 13th May, 1863.

- and first described ♀. Batjan I. (N. Moluccas), Wajaua, Birabiraketjil, 19.VI.1953, A. M. R. Wegner et al. — Coenagrionidae.
- beatricis* Lieftinck [subsp. of *Rhyothemis phyllis* (Sulzer)], 1942: 506, 509—510, pl. 28 fig. 50—53, pl. 29 fig. 54—56. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, 27.VIII—4.IX.1930, W. Stüber. — Libellulidae.
- beatrice* Lieftinck (*Notoneura*), 1949a: 63—64, fig. 67—70, 85—86. Holotype ♂ and first described ♀. Central N. New Guinea, Idenburg River valley, Bernhard Camp, 50 m, 31.VII.1938 (♂) and 26.IX.1938 (♀), J. Olthof (3rd Archbold Exped.). — Protoneuridae.
- bellicosa* Lieftinck [subsp. of *Epophthalmia vittigera* (Ramb.)], 1948e: 19—21. Holotype ♂. Burma, Thaton distr., Mokpalin, 16.V.1923, J. Elton Bott, ex coll. T. B. Fletcher. — First described ♀. S. Burma, Tenasserim, Mergui, 1922, J. Elton Bott, ex coll. T. B. Fletcher. — Corduliidae.
- billitonis* Lieftinck (*Amphicnemis*), 1940b: 365, 367, 374, pl. 15 fig. 4, pl. 16 fig. 1. Holotype ♂ and first described ♀. Billiton I. (west), Tjerutjuk, 24.XII.1935, F. J. Kuiper. — Coenagrionidae.
- biroi* Foerster (*Tetrathemis*), 1900 (♂, not ♀). First described ♀ (in cop.). N. New Guinea, Humboldt Bay area, Cycloop Mts., 400 m, I—II.1931, W. Stüber. See Lieftinck, 1933d: 19—21, fig. 11. — Libellulidae.
- Now *Nannophlebia birói* (Foerster).
- borneensis* Lieftinck (*Heliogomphus*), 1964a: 90—93, fig. 3—5. Holotype ♂. E. Borneo, Kutai, Nunukan, I.1953, forest stream, L. Hentig. — First described ♀. E. Borneo, Kutai, Samarinda distr., ca. 100 km upstream Tabang River, kali Bengen, ca. 100 m, 17.IX.1956, A. M. R. Wegner. — Gomphidae.
- brachycnemis* Needham (*Progomphus*), 1944 (♀). First described ♂. Surinam, Upper Para River, 25.III.1962, J. Belle. See Belle, 1966a: 2—7 (♂ ♀ and larva), fig. 1—12, pl. 1. — Gomphidae.
- brasiliensis* Belle (*Aphylla*), 1970: 51—52, fig. 81—82. Holotype ♂ and allotype ♀ (in cop.). Brazil, Mato Grosso, Barre do Tapirapé, forest edge, 11.I.1963, B. Malkin. — Gomphidae.
- buettikoferi* Ris (*Eleuthemis*), 1910: 382—384, fig. 231—232. Lectotype ♂. Liberia, labelled "Bavia v/d Prul [?] Liberia feb. 1880", under drawer-label büttikoferi Ris. — Libellulidae.
- Type-species of *Eleuthemis* Ris (op. cit.).
- buwaldai* Lieftinck (*Podolestes*), 1940b: 347—348, fig. 4b. Holotype ♂. E. Sumatra, Riouw distr., Rengat, Pangkalan kasai, 2.IV.1939, P. Buwalda. — Megapodagrionidae.
- buwaldai* Lieftinck (*Teinobasis*), 1949a: 171—172, fig. 214—216. Lectotype ♂ and first described ♀. Aru Is., Wokam I., Dosi Wamallau, 18.V.1938, P. Buwalda. — Coenagrionidae.
- calamineum* Lieftinck (*Ceriagrion*), 1951c: 185—186, 189—193, fig. 2. Holotype ♂ and first described ♀. W. Java, Bogor, Botanic Garden, 250 m, 23.VIII.1930, M. A. Lieftinck. — Coenagrionidae.
- See Asahina (1967: 272—274, figs.).
- callisphaena* Lieftinck (*Notoneura*), 1937a: 16—18, fig. 10—11. Lectotype ♂ and

- first described ♀. N. New Guinea, Humboldt Bay area, Nonno Hills, 400 m, 15—20.XI.1935, W. Stüber. — Protoneuridae.
- callisto* Laidlaw (*Macromia*), 1922 (♂). First described ♀. Malay Peninsula, Selangor, 11½ mi. Kuala Lumpur-Bentong Rd., Sungai Gombak, 12.VI.1963, J. I. Furtado. See Lieftinck (1971b: 23—26). — Corduliidae.
- calosomum* Lieftinck (*Pseudagrion*), 1936a: 124—126, fig. 8, 9, 11. Lectotype ♂. Sumba I. (Lesser Sunda Is.), E. Sumba, Kananggar, 700 m, V.1925, K. W. Dammerman. — First described ♀. E. Sumba, Baing, 100—200 m, 21.VI.—3.VII.1949 (Sumba Exped. 1949, NMB).
- calverti* Geijskes (*Misagria*), 1951: 71—74, 76, fig. A—F. Holotype ♂ and first described ♀. Surinam, Brownsberg, 14.IX.1938 (♂) and 19.IX.1938 (♀), D. C. Geijskes. — Libellulidae.
- campioni* Lieftinck (*Synthemis*), 1971b: 48—51, fig. 33—35. Holotype ♂ and first described ♀. New Caledonia, N.E.-side, Pouébo, 200 m, 24.I.1964 (♂) and same loc., 250 m, near mountain stream, 23.I.1964 (♀), both R. Straatman. — Corduliidae.
- capillaris* Lieftinck (*Tanymecosticta*), 1959a: 294—295, fig. 11, 29—32. Holotype ♂. Tanimbar Is. (Timorlaut), Jamdena I., IV.1938, P. Buwalda. — Isostictidae.
- capreola* Lieftinck (*Selysioneura*), 1932b: 542, 545—547, fig. 40—41. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, I—II.1931, W. Stüber. — Isostictidae.
- carnifex* Lieftinck (*Palaiargia*), 1932b: 559, 563—565, fig. 53. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, 27.VIII—4.IX.1930. W. Stüber. — Coenagrionidae.
- casuarina* Lieftinck (*Podopteryx*), 1949a: 39—41, fig. 21, 33. Holotype ♂. Central W. New Guinea, Idenburg River basin, above Bernhard Camp, ca. 400 m, "in heavy jungle far away from water", 11.II.1939, L. J. Toxopeus (3rd Archbold Exped.). — Megapodagrionidae.
- celaeno* Lieftinck (*Macromia*), 1955c: 274—277, fig. 27—28. Holotype ♂ and first described ♀. N.E. New Guinea, Papua, Kwagira River, Peria Creek, 50 m, 3 and 2.IX.1953, respectively, G. M. Tate (4th Archbold Exped.). — Corduliidae.
- celebense* Lieftinck (subsp. of *Anax fumosus* Hagen), 1942: 581, 586, 595—597, pl. 40 fig. 144, 149, pl. 41 fig. 152. Holotype ♂ and first described ♀. Central Celebes, Palu distr., S. Kulawi, Kalamanta, 1000 m, 10.X.1940 (♂) and Kulawi, 550 m, 15.I.1941 (♀), P. M. Felix. — Aeshnidae.
- celebense* Lieftinck (*Pseudagrion*), 1937b: 90—92, fig. 18c, 19. Holotype ♂ and first described ♀. N.W. Celebes, Palu, I.1937, R. Awibowo (♂) and Centr. E. Celebes, Kali Tominanga, 22.VIII.1932, Prof. Dr. R. Woltereck (♀). — Coenagrionidae.
- cerinomelas* Lieftinck (*Ceriagrion*), 1927: 88—91, fig. 4. Holotype ♂ and allotype ♀ (in cop.). N. India, W. Himalaya, Sutlej valley, Sholtu, 2300 m, 4 miles from Kilba, 1.VII.1926, W. G. N. van der Sleën. — Coenagrionidae.
- Currently placed as a subspecies of *C. fallax* Ris (see Asahina, 1967: 284—286, 321, fig. 100—106).
- cervula* Lieftinck (*Synthemis*), 1938: 119—122, fig. 50. Holotype ♂ and first described ♀. N. New Guinea, Bewani Hills, upper course of Tami River, 300—500 m, Josko, 22—30.XI.1936. W. Stüber. — Corduliidae.
- ceyx* Lieftinck (*Palaiargia*), 1949a: 115, 123—125, fig. 135, 156—157. Holotype ♂

and first described ♀. Central N. New Guinea, Idenburg River valley, above Bernhard Camp, 700 m, 27—29.III.1939, L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae.

Now *P. ceyx ceyx* Lieft. (1949a).

chalciope Lieftinck (*Macromia*), 1952a: 439, 456—460, fig. 5, 10. Lectotype ♂ and first described ♀. Halmahera I. (N. Moluccas), Mt. Sembilan, 600 m, 27.IX.-6.X. 1951, Sundanese collectors. — Corduliidae.

chalcochiton Ris [subsp. of *Agrionoptera insignis* (Rambur)], 1915a: 15—16. Lectotype ♂ and first described ♀ (androchrom.). Simalur I. (off N.W. Sumatra), Pulu Babi, IV.1913, E. Jacobson, with Ris's identification labels. — Libellulidae.

chalcosoma Lieftinck (*Nannophyopsis*), 1935a: 183—188, fig. 4—6. Holotype ♂ and first described ♀. Billiton I. (east), Gantung, 17.IX.1935 (♂) and 13.X.1935 (♀), F. J. Kuiper. — Libellulidae. Plate 7.

Type-species of *Nannophyopsis* Lieftinck (op. cit.).

chalybeostoma Lieftinck (*Notoneura*), 1932b: 521, 525, 528—529, fig. 20—22. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, I—II.1931, W. Stüber. — Protoneuridae.

charmosyna Lieftinck (*Palaiargia*), 1932b: 559, 560—563, fig. 52. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, 400 m, IX.1930, W. Stüber. — Coenagrionidae.

Now *P. charmosyna charmosyna* Lieft. (1949a).

chloropleura Lieftinck (*Idiocnemis*), 1932b: 502—503, fig. 6. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, IV—VI.1931, W. Stüber. Selected by Lieftinck, 1958: 267. — Platynemididae.

civicum Lieftinck (*Pseudagrion*), 1932b: 568, 570—572, fig. 55. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, 27.VIII—4.IX.1930, W. Stüber. — Coenagrionidae.

claaseni Lieftinck (*Drepanosticta*), 1938: 80—81, 87, fig. 17, 19a. Holotype ♂. N.W. New Guinea, Berau Peninsula (Vogelkop), Jenau near Aja Maru, 350 m, XII.1937, J. M. van Ravenswaay Claasen. — Platystictidae.

clavata Lieftinck (*Drepanosticta*), 1932b: 515—517, fig. 18. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, plain forest, 400 m, IX.1930, W. Stüber. — Platystictidae.

clymene Lieftinck (*Diplacina*), 1963c: 767—768, fig. 20—23. Holotype ♂. Fergusson I. (d'Entrecasteaux Archip.), Agamoia, 200 m, 20.VI.1956, L. J. Brass (5th Archbold Exped.). — Libellulidae.

coarctatum Lieftinck (*Pseudagrion*), 1932b: 567, 578—579, fig. 57, 60. Holotype ♂. N. New Guinea, Humboldt Bay area, Hollandia, IX—XII.1930, W. Stüber. First recorded ♀. Same area, Lake Sentani, 2—17.XII.1932 (in cop.), same collector. — Coenagrionidae.

coccinea Lieftinck (*Onychothemis*), 1953e: 264—266. Holotype ♂ and first described ♀. S.E. Borneo, Kutai, Balikpapan, Sungai Mentawir, sea-level, 23.X.1950, A. M. R. Wegner. — Libellulidae.

conchinus Williamson (*Cyanogomphus*), 1916 (♂). — First described ♀. Surinam, Upper Para River, 1.IV.1962, J. Belle. See Belle, 1966b: 52—56 (♂ ♀), fig. 83—90, pl. 8 (sub *Ebegomphus*). — Gomphidae.

Later, Belle (1970) placed *Ebegomphus* Needham in the synonymy of *Cyanogomphus* Selys.

conjectus Belle (*Progomphus*), 1966a: 17—20, fig. 32, 44, pl. 4. Holotype ♀. Surinam, Coppename River, 10.X.1901, H. A. Boon. — Gomphidae.

connectens Lieftinck (*Argiolestes*), 1956b: 69, 79—81, fig. 8—9, 12—13. Lectotype ♂ and first described ♀. W. New Guinea, western extremity, Sorong, ca. 100 m, 24.X.1948 (♂) and 30.X.1948 (♀), M. A. Lieftinck. — Megapodagrionidae.

coomansi Laidlaw (*Leptogomphus*), 1936: 267—269, fig. 1. Holotype ♂ and first described ♀. W. Borneo, Mampawah near Singkawang, forest between Pakmiongtheo and Pandjaoa, 3.IV.1932 (♂) and Sungei Bagak (G. Raja-complex), 10.VI.1933 (♀), L. Coomans de Ruiter. — Gomphidae.

coomansi Lieftinck (*Pseudagrion*), 1937b: 86—90, fig. 17—18. Holotype ♂ and first described ♀. W. Borneo, Singkawang, Montrado, 22.X.1931 (♂) and Patengahan Road, 18.II.1932 (♀), L. Coomans de Ruiter. — Coenagrionidae.

coomansi Lieftinck (*Coeliccia*), 1940b: 355—356, fig. 9—10. Holotype ♂ and first described ♀. W. Borneo, Singkawang, Mt. Poteng, 400 m, 31.I.1932, L. Coomans de Ruiter. — Platycnemididae.

coomansi Lieftinck (*Elattona*), 1937b: 79—80, fig. 13. Lectotype ♂ and first described ♀. W. Borneo, Singkawang area, Mt. Ambawang, 13.III.1931 (♂), and Singkawang, forest marsh near Bakuan (Selakau River), 20.VII.1932 (♀), L. Coomans de Ruiter. — Protoneuridae.

coomansi Lieftinck (*Podolestes*), 1940b: 348—350, fig. 4c, 5. Holotype ♂ and first described ♀. S.E. Sumatra, Palembang, 25.IX.1939, L. Coomans de Ruiter. — Megapodagrionidae.

cornelia Selys (*Calopteryx*), 1853 : 15. Holotype ♂ (adult). With printed label "v. Siebold, Japan", under old drawer-label "Cornelia". First described ♀ (ad., legs missing), labelled "Burger, Japan" (white disk, unknown handwriting), and a second ♀ (ad., intact), with rectangular label "Japonia Agrion?" (as before). — Calopterygidae.

The ♀ was first recorded in the Monographie (1854:48), as follows: "♀. Je crois me rappeler que la femelle que j'ai vu à Leyde, porte un faux ptérostigma blanc", an observation evidently made after studying the above specimens. The first full description is found in Selys (1869a: 648).

Type-species of *Anaciagrion* Kennedy, 1920.

cornelia Lieftinck (*Selysionura*), 1953b: 647—651, 656, 658—668, fig. 2, 7, 11, 13, 15—26. Holotype ♂ and first described ♀. W. New Guinea, western extremity, Sorong, 50 m, 30.X.1948, M. A. Lieftinck. — Isostictidae. Plate 1.

cornelii Lieftinck [subsp. of *Rhinocypha fenestrata* (Burm.)], 1947: 218—220, pl. 2 fig. 1. Holotype ♂. S.W. Bali I. (Lesser Sunda Is.), Pulkan forest-reserve, ca. 200 m, 3.IV.1936, C. G. G. J. van Steenis. — First described ♀. Central S. Bali I., Mt. Batukau, ca. 700 m, Wonggaja-gede, 13.II.1940, Walter Spies. — Chlorocyphidae.

corniculatum Lieftinck (subsp. of *Papuagrion pesechem* Lieft.), 1949a: 152—153, fig. 194, 200. Lectotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River valley, Rattan Camp, 1150 m, 12.II.1939, L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae.

cornuta Foerster (*Karschia*), 1900 (♀). First described ♂. N. New Guinea, Humboldt Bay area, S. Cycloop Mts., 700—1000 m, IX.1932, 1933 & 1934; II, IV & IX.1935,

W. Stüber. See Lieftinck, 1937a: 66—70, fig. 44. — Aeshnidae.

Type-species of *Karschia* Foerster, 1900 (nom. praecocc.).

Now *Plattycantha cornuta* Foerster, 1908, isogenotypic.

coropinae Geijskes (*Micrathyria*), 1963: 78—81, fig. 17. Holotype ♂ and first described ♀. Surinam, Coropina Creek, near Vier Kinderen, 26.I.1947, D. C. Geijskes. — Libellulidae.

corruptum Lieftinck (*Papuagrion*), 1938: 105—107, fig. 40. Lectotype ♂ and first described ♀. N. New Guinea, Bewani Hills, upper course of Tami River, 5 days' journey S.E. of Hollandia, Sawia, 200 m, 10.X.1936, W. Stüber. — Coenagrionidae.

corvina Lieftinck (*Caconeura*), 1930b: 138—141, 151, fig. 1—4. Holotype ♂ and allotype ♀ (in cop.). Java mer., res. Banjumas, Djeruklegi, 7.I.1929, F. C. Drescher. — Protoneuridae.

Syn. of *Prodasineura autumnalis* (Fraser), see Lieftinck (1934e: 390).

crenitis Lieftinck (*Drepanosticta*), 1933a: 288—292, 296, fig. 3. Holotype ♂ and first described ♀. W. Borneo, Singkawang, G. Poteng, 325 m, forest brook, 28.II.1932, L. Coomans de Ruiter. — Platystictidae.

cristatus Needham (*Gomphoides*), 1944 (♂). First described ♀ (in cop.). Surinam, Para River, 4.I.1959, J. Belle. See Belle, 1970: 126—130, fig. 202—210 (♂ ♀ and larva), pl. 17b, 18a, 21a (sub *Negomphoides*). — Gomphidae.

crucigera Lieftinck (*Archibasis*), 1949a: 185, 192—193, fig. 176, 177, 226, 227, 239. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Tami River valley, 25—31.I.1933, W. Stüber. — Coenagrionidae.

cruentata Lieftinck (*Notoneura*), 1932b: 522, 540—541, 601, fig. 38. Holotype ♂. N. New Guinea, Humboldt Bay area, near Lake Sentani, 9.III.1931, W. Stüber. First described ♀, topotypical, XI.1931 & III.1932, same collector. — Protoneuridae.

Now *N. rosea cruentata* Lieft.

cyanura Lieftinck (*Notoneura*), 1932b: 521, 529—530, 601—602, fig. 23. Holotype ♂. N. New Guinea, Humboldt Bay area, Hollandia, I—II.1931, W. Stüber. — First described ♀. N. New Guinea, Humboldt Bay area, 400 km S. of Hollandia, 300 m, 25.III.1932, W. Stüber. See also Lieftinck, 1937a: 11—12, fig. 5. — Protoneuridae.

cyclopica Ris (*Lanthanusa*), 1912b: 746—747, fig. 424. Holotype ♀. N. New Guinea, Humboldt Bay area, "N. Guinea Exp., Cycloop Gebergte, 14 April 1903" (two written labels), Mus. Leiden (print), Orthetrum? (unknown hand), "nov. gen. nov. spec. ♀", det. Dr. F. Ris. — Libellulidae.

Type-species of *Lanthanusa* Ris (op. cit.).

cyclopica Lieftinck (subsp. of *Palaiargia charmosyna* Lieft.), 1949a: 118. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Cycloop Mts., southern slopes, 900 m, 26.VI.1938, J. Olthof (3rd Archbold Exped.). — Coenagrionidae.

cyclopica Lieftinck (*Hemicordulia*), 1942: 546—548, pl. 35 fig. 108—109. Holotype ♂. N. New Guinea, Humboldt Bay area, Cycloop Mts., 1000 m, 8.VIII.1935, W. Stüber. — Corduliidae.

cydippe Laidlaw (*Macromia*), 1922 (♂). First described ♀. W. Java, Djasinga, Tjibarangbang River, 150 m, 1.XII.1935, M. A. Lieftinck. See Lieftinck, 1950b: 680, 704—705. — Corduliidae.

cynthiae Lieftinck [subsp. of *Agrionoptera insignis* (Ramb.)], 1942: 472—473, pl. 24 fig. 19. Holotype ♂ and first described ♀. Tanimbar Is. (Timorlaut), P. Jamdena, IV.1938, P. Buwalda. — Libellulidae.

cyrene Lieftinck (*Diplacina*), 1953d: 155, 164—169, fig. 3—4. Lectotype ♂. W. New Guinea, Berau Peninsula (Vogelkop), Beraur distr., Klamono Oilfields, 40 km inland, ca. 50 m, 19.VIII.1948, M. A. Lieftinck. — First described ♀. Misool I. (off W. New Guinea), Fakal, ca. 50 m, 23.IX.1948, M. A. Lieftinck. — Libellulidae.

dactylogastra Lieftinck (*Celebophlebia*), 1936b: 401—403, fig. 1—2. Holotype ♂. Central S.W. Celebes, northeastern slopes of Quarles Mts., Todjambu, 1000 m, 17.VII.1936, L. J. Toxopeus. — Libellulidae.

Type-species of *Celebophlebia* Lieftinck (op. cit.).

dactylostyla Lieftinck (*Amphicnemis*), 1953f: 386—388, fig. 2. Holotype ♂ and first described ♀. S. Borneo, Sampit distr., 50—100 m, Pemantan, 150 km inland, 26.VII.1953, forest marshes, M. A. Lieftinck. — Coenagrionidae.

dagnyae Lieftinck (*Idiocnemis*), 1958: 258—260, 279, fig. 22—26. Holotype ♂ and first described ♀. W. New Guinea, western extremity, Malano, 15 km inland of Sorong, 27.VIII.1948 (♂), and Remu near Sorong, 28.VIII.1948 (♀), M. A. Lieftinck. — Platycnemididae.

daphne Lieftinck (*Huonia*), 1953d: 186, 198—200, fig. 10B, 11, 12, 15, 17. Holotype ♂ and first described ♀. Halmahera I. (N. Moluccas), Mumar River, 200—300 m, 25.IX.1951 (♂), and Mt. Sembilan, 600 m, 8.X.1951 (♀), Sundanese collectors. — Libellulidae.

debeauforti Lieftinck (*Teinobasis*), 1938: 107—109, 113, fig. 41—43. Holotype ♂ and first described ♀. N.-coast of New Guinea, estuary of Sermowai River, Moaif, 26.VI—4.VII.1903, L. F. de Beaufort & H. A. Lorentz. Identified by H. W. van der Weele with "Telebasis spec. no. 1". — Coenagrionidae.

debeauxi Lieftinck (*Teinobasis*), 1938: 113—114, fig. 45—46. Holotype ♂. Papua, Fiume Purari [Purari River], 4.I.1894, Lamberto Loria. — Coenagrionidae.

Erroneously recorded in the original description as from "Astrolabe Range".

declaratum Lieftinck [subsp. of *Pseudagrion pilidorsum* (Brauer)], 1936a: 130, 132—134, fig. 13a-b. Lectotype ♂ and first described ♀. W. Flores I. (Lesser Sunda Is.), Labuan Badjo, 100 m, XI.1937, J. K. de Jong. — Coenagrionidae.

deflexum Lieftinck [subsp. of *Pseudagrion pilidorsum* (Brauer)], 1936a: 130, 134, fig. 13c. Lectotype ♂. S. Timor I. (Lesser Sunda Is.), Amarasi, XII.1931—I.1932, Ed. Handschin. — Coenagrionidae.

degeneratum Lieftinck (*Papagrion*), 1937a: 34—35. Holotype ♀. N. New Guinea, Humboldt Bay area, Korimé River plain, Ajiep, I. 1931, W. Stüber. — First described ♂. Same area, southern Bewani Hills, 300—500 m, Arso, 2.III.1937, W. Stüber (see Lieftinck, 1949a: 162, fig. 207—208). — Coenagrionidae.

The ♀ was first described sub *P. magnanimum* (Selys), but later recognized as a distinct species (see Lieftinck, 1935c: 245, fig. 19, 247).

delicatula Lieftinck (*Caconeura*), 1930b: 141—143, 151, fig. 5—8. Holotype ♂ and first described ♀. Java mer., res. Banjumas, Djeruklegi, 11.VIII and 20.X.1929, respectively, F. C. Drescher. — Protoneuridae.

Now *Prodasineura delicatula* (Lieft.).

demerarae Selys (*Cyanogomphus*), 1894 (♂ incomplete). First described ♀ in good condition. Surinam, Zanderij, Troelinde Creek, 1.VIII.1959, J. Belle. See Belle, 1966b: 46—52 (♂ ♀), fig. 72—82, pl. 7 (sub *Ebegomphus*). — Gomphidae.

Later, Belle (1970) placed *Ebegomphus* Needham in the synonymy of *Cyanogomphus* Selys, and *E. strumens* Needham, 1944, as a synonym of *C. demerarae* Selys. *dentata* Geijskes (*Coryphaeschna*), 1943: 64—71, fig. 1 & 2 (larva). Holotype ♂. Surinam, Palumeu River near Indian village Julu, 3.I.1941, L. Schmidt. — Aeshnidae.

Currently placed in *Triacanthagyna* Selys.

diadesma Lieftinck (*Notoneura*), 1936a: 120—121, fig. 5, 7. Holotype ♂ (teneral). E. Sumba I. (Lesser Sunda Is.), Kananggar, 700 m, V.1925, K. W. Dammerman. — First described ♀. E. Sumba, Mau Marru, 500 m, 18—23.VII.1949 (Sumba Exped. 1949, NMB), see Lieftinck, 1953c: 152—154, fig. 7—9. Adults of both sexes from same locality also in ML. — Protoneuridae.

dictatrix Lieftinck (*Oreaeschna*), 1937a: 77—81, fig. 46—47. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, southern slopes of Mt. Cycloop, 3700 ft., 2.IX.1933 (♂) and id., 1000 m, 2.IX.1935 (♀), W. Stüber. — Aeshnidae. Plate 5.

Type-species of *Oreaeschna* Lieftinck (op. cit.).

digitiferum Lieftinck (*Papuagrion*), 1949a: 155—156, fig. 196—198, 202. Holotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River basin, Sigi Camp, 1500 m, 20.II.1939 (♂) and Mist Camp, 1800 m, 9.I.1939 (♀), L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae.

dimidiata Selys (*Dysphaea*), 1853 (♂). First described ♀ (semiad.), Sumatra, Central Sumatra, labelled "Silago tot 12/7 77", "Sumatra Exp.", and "Dysphaea dimidiata Sel. ♀", in H. Albarda's writing. See Albarda, 1881: 6, pl. 2 fig. 2. — Euphaeidae.

Type-species of *Dysphaea* Selys (op. cit.).

diminuta Lieftinck (subsp. of *Huonia arborophila* Lieft.), 1963c: 778, fig. 38. Holotype ♂. Misima I. (St. Aignan, Louisiade Archip.), north slopes, Sisa, 350 m, 19.VII.1956, L. J. Brass (5th Archbold Exped.). — Libellulidae.

dioxippe Lieftinck (*Diplacina*), 1963c: 764—765, fig. 16—19. Lectotype ♂ and first described ♀. Central W. New Guinea, Central Range, Sterren Mts., Ok Temna, 1500 m, 19.V.1959 (Neth. New Guinea Exped.). — Libellulidae.

dissoluta Lieftinck (subsp. of *Agrionoptera longitudinalis* Selys), 1963c: 771—772. Holotype ♂ and first described ♀. New Ireland (Bismarck Archip.), Kandan, 25.XII.1959, W. W. Brandt. — Libellulidae.

divaricatus Lieftinck (*Burmagomphus*), 1964b: 16, 26—29, fig. 29—35. Holotype ♂ and first described ♀. Malay Peninsula, Kelantan, Ulu Kelantan, Sungai Nengiri, Fort Brooke, 700 m, 31.VII.1963, J. I. Furtado (♂) and Selangor, 11½ mi. Kuala Lumpur-Bentong Rd., Sungai Gombak, 16.III.1963, J. I. Furtado & M. A. Lieftinck (♀, reared from larva, emerged at Kuala Lumpur). — Gomphidae.

dohrni Krueger (*Idionyx*), 1899: 326—330. Lectotype ♂ (head gone) and first described ♀, [N.E.] Sumatra [Deli] Soekaranda Dohrn (print), *Idionyx dohrni* Krüger, L. Krüger, ♂ und ♀, determ. 1927 (written), ex Mus Stettin. — Corduliidae.

Synonymous with *I. yolanda* Selys.

dominula Lieftinck (*Teinobasis*), 1937a: 46—47, fig. 32. Holotype ♂ and first described ♀. N. New Guinea, Upper course of Korimé River, Tarafia, ca. 600 m, 10.V.1935, W. Stüber. — Coenagrionidae.

dorcadion Lieftinck (*Drepanosticta*), 1949a: 59—61, fig. 32, 45—49, 52. Holotype ♂ and first described ♀. Central W. New Guinea, Sahuweri River valley, Rattan

- Camp*, 1150 m, 12.II.1939, L. J. Toxopeus (3rd Archbold Exped.). — Platystictidae.
dorsocyana Lieftinck (*Libellago*), 1937b: 56—57, fig. 1. Holotype ♂. S. Borneo, Sampit area, Kota Waringin River, Riamtiwata, XII.1935, J. J. Menden. — Chlorocyphidae.
- dorsosanguinea* Lieftinck (*Rhinocypha*), 1961a: 124—125. Holotype ♂. S. Philippine Is., Basilan I., Maloong, 25.IX.1935, K. Kuwasima. — Chlorocyphidae.
- dravida* Lieftinck (*Gynacantha*), 1960a: 252—253. Holotype ♂ and first described ♀. S.W. Peninsular India, Coorg, Hallery near Mercara, 4000 ft., 20.V.1922 (♂), and Coorg, Fraserpet, 2000 ft., 25.IX.1923, "brook emptying in Lotus-tank" (♀), F. C. Fraser, both misidentified by F. C. Fraser as *G. hyalina* Selys. — Aeshnidae.
- drescheri* Lieftinck (*Heliogomphus*), 1929b: 121—123, fig. 12—13. Holotype ♂ and first described ♀. Central Java, Banjumas, G. Slamet, Baturraden, 2500 ft., 27 and 28.VII.1928, respectively, F. C. Drescher. — Gomphidae. Plate 4.
- drusilla* Lieftinck (*Drepanosticta*), 1934d: 474—476, fig. 4—5. Holotype ♂ and first described ♀. W. Borneo, Singkawang-Bengkajang Rd., forest brook near Serukan, hill-country, 30.VIII.1932 (♂) and same district, Sungei Bagak (Mt. Raja complex), hill country, 7.IX.1932 (♀), L. Coomans de Ruiter. — Platystictidae.
- drymobia* Lieftinck (*Selysioneura*), 1959a: 284—286, fig. 3, 8, 15—16. Holotype ♂. Misima I. (St. Aignan I., Louisiade Archip.), Sisa, north slopes, 350 m, 22.VII.1956, L. J. Brass (5th Archbold Exped.). — Isotictidae. Plate 1.
- duphila* Lieftinck (*Drepanosticta*), 1933a: 286—288, 296, fig. 2. Holotype ♂. W. Borneo, Singkawang, swampy forest near Pandjoa, 3.IV.1932, L. Coomans de Ruiter. — Platystictidae.
- eclecta* Lieftinck (*Palaiargia*), 1949a: 114, 127—131, fig. 149—152. Holotype ♂ and first described ♀. West Central New Guinea, Wissel Lakes group, Arabu Bivouac, 10 mi. N.E. of Lake Paniai, ca. 1800 m, 15.X.1939 (♂) and 23.X.1939 (♀), H. Boschma (Le Roux Exped.). — Coenagrionidae.
- efasciata* Lieftinck (subsp. of *Notoneura erythrura* Lieft.), 1949a: 73. Holotype ♂. Central N. New Guinea, Idenburg River valley, Bernhard Camp, 50 m, 23.VIII.1938, J. Olthof (3rd Archbold Exped.). — Protoneuridae.
- egregia* Lieftinck (*Notoneura*), 1937a: 24, fig. 17. Holotype ♂ and first described ♀. Boeroe (Buru I.), S. Moluccas, Bah'lalé, 600 m, 10.V.1921 (♂, abdomen missing) and 22.I.1922 (♀), L. J. Toxopeus. — Protoneuridae.
- Nom. nov. pro *Caconeura eburnea*: Ris, 1929: 144, fig. 3—4, ♂ ♀ Buru I., nec *C. eburnea* Foerster, ♂ ♀ Kei Is., a congeneric species.
- ekari* Lieftinck (*Papuagrion*), 1949a: 148—150, fig. 182—185, 191. Holotype ♂ and first described ♀. West Central New Guinea, Wissel Lakes group, Arabu Bivouac, 10 mi. N.E. of Lake Paniai, ca. 1800 m, 25.X.1939 (♂) and 15.X.1939 (♀), H. Boschma (Le Roux Exped.). — Coenagrionidae.
- elegans* Selys (*Aeschnosoma*), 1871 (♀). First described ♂. Surinam, Nassau Mts., bush creek 2 km from Marowijne River, 17.II.1949, D. C. Geijskes. See Geijskes, 1970: 19—22 (♂ ♀), fig. 7, 11, 14—16, 20—23, pl. 1b. — Corduliidae.
- elegans* Belle (*Aphylla*), 1970: 58—60, fig. 90—92. Holotype ♂. Venezuela, Apure, 2.II.1937. — Gomphidae.
- elegans* Lieftinck (*Leptogomphus*), 1948a: 254—258, fig. 12 & pl. 8. Holotype ♂ and first described ♀. E. China, Prov. Fu Kien, Kuatun, 2300 m, 7.VII. 1938 (♂) and 1.VII.1938 (♀), J. Klapperich. — Gomphidae.

- elliotti* Lieftinck (Lokia), 1969c: 15—16. Holotype ♂. Zambia, Upper Zambezi Region, North Mwinilunga, Ikelenge distr., Zambezi Rapids, 21.I.1965, E. C. G. Pinhey. — Libellulidae.
- emarginata* Lieftinck (Teinobasis), 1949b: 344—345, fig. 6. Holotype ♀. Solomon Is., Shortland I., Hisiai River, 22.X.1936, R. A. Lever. — Coenagrionidae.
- emphyla* Lieftinck (Notoneura), 1936a: 118—120, fig. 5—6. Holotype ♂ (teneral). Centr. Flores I. (Lesser Sunda Is.), Badjawa, 1200 m, XII.1931, Ed. Handschin. First described ♀ (and adult ♂). Flores I., Soa, 22—25.VII.1950, G. Kramer (Lieftinck, 1953c: 151—152). — Protoneuridae.
- enganoense* Lieftinck [subsp. of *Pseudagrion pilidorsum* (Brauer)], 1948b: 290—291, fig. 6. Lectotype ♂ and first described ♀. Engano I. (off S.W. Sumatra), Buahbuah, 30.V.1936 (♂) and Kiojoh, 13.VI.1936 (♀), J. K. de Jong et al. — Coenagrionidae.
- ensifera* Lieftinck (Argiocnemis), 1932b: 588, 589—591, fig. 64. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, 27.VIII—4.IX. 1930, W. Stüber. — Coenagrionidae.
- eos* Lieftinck (Palaiargia), 1938: 95—96, fig. 31—32. Holotype ♂. N.W. New Guinea, Berau Peninsula (Vogelkop), Vengatap near Aja Maru, 500 m, XII.1937, J. M. van Ravenswaay Claasen. — Coenagrionidae.
- ephippiata* Lieftinck (Drepanosticta), 1937b: 72—74, fig. 9. Lectotype ♂. N. Celebes, Tondano near Manado, IV.1935, C. van Braekel, acq. 11.VI.1935. — Platystictidae.
- erato* Lieftinck (Macromia), 1950b: 673—676, 689, 693—699, fig. 4, 5, 14, 15, 23, 31, 38, 45—47. Holotype ♂. W. Java, Bogor (Buitenzorg, olim), 250 m, Botanic Garden, 17.II.1945, native collector. First described ♀. W. Java, Djasinga, Tjibarang-bang River, 150 m, 4.XII.1938, M. A. Lieftinck. — Corduliidae.
- ericae* Belle (Ischnogomphus), 1966b: 39—44, fig. 61—67 & 68—71 (larva, supposition), pl. VIa-b. Holotype ♂ and first described ♀. Surinam, Upper Para River, 8.IX.1962 (♂) and 10.VIII.1960 (♀), J. Belle. — Gomphidae.
- ericetorum* Lieftinck (Hemicordulia), 1942: 556—558, pl. 36 fig. 112—113, pl. 37 fig. 118—119. Holotype ♂ and first described ♀. Central N. New Guinea, Baliem River valley, nr. Baliem Camp, 1650 m, 14.XII.1938, L. J. Toxopeus (3rd Archbold Exped.). — Corduliidae.
- erigone* Lieftinck (Diplacina), 1953d: 157, 177—179, fig. 3—4. Holotype ♂ and first described ♀. Misool I. (off W. New Guinea), Fakal, ca. 150 m, 4.X.1948, M. A. Lieftinck. — Libellulidae.
- erminea* Lieftinck (Amphicnemis), 1953e: 247—251, fig. 6c-e. Holotype ♂ and first described ♀. S.E. Borneo, Kandangan distr., Ampah, 0—20 m, IV—V. 1948, Liem Swie Liong. — Coenagrionidae.
- errans* Lieftinck (subsp. of *Zygonyx iris* Selys), 1953e: 266—268. Holotype ♂ and first described ♀. W. Borneo, Singkawang, Mt. Poteng, 400 m, X.1932, L. Coomans de Ruiter. — Libellulidae.
- erratica* Lieftinck (Macromidia), 1948: 274—278, fig. 18—19. Holotype ♂ and first described ♀. S. Sumatra, Lampong distr., Giesting near Talangpadang, Wai Tebu, ca. 500 m, 19—31.III.1940, M. A. Lieftinck. — Corduliidae.
- Now classified as a subspecies of *M. genialis* Laidlaw (see Lieftinck, 1971b: 20—21).

erythromma Lieftinck (*Elatoneura*), 1953f: 383—385, fig. 1a-e. Holotype ♂ and first described ♀. S. Borneo, Sampit distr., 0—50 m, near Sampit, about 50 km inland, 21.VII.1953, M. A. Lieftinck, with collector's note: "Very dull, except brilliant cherry-red eyes". — Protoneuridae.

erythrostigma Lieftinck (*Paramecocrnemis*), 1932b: 504—508, fig. 9—13. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, ca. 300 m, IV—VI.1931, W. Stüber. — Platycnemididae.

Type-species of *Paramecocrnemis* Lieft. (op. cit.).

erythrura Lieftinck (*Notoneura*), 1932b: 522, 525, 530—532, fig. 24—26. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, I—II.1931, W. Stüber. — Protoneuridae.

Now *N. erythrura erythrura* Lieft.

esuriens Lieftinck (*Argiolestes*), 1956b: 71, 93—94, fig. 28—29. Holotype ♂. Papua, Maneau Range, N. slopes of Mt. Dayman, 1550 m, 6.VII.1953, G. M. Tate (4th Archbold Exped.). — Megapodagrionidae.

eucera Lieftinck (*Drepanosticta*), 1949a: 56—57, fig. 30, 41—44, 50. Holotype ♂ and first described ♀. Central W. New Guinea, Idenburg River basin, above Bernhard Camp, 700 m, 27—29.III.1939, L. J. Toxopeus (3rd Archbold Exped.). — Platystictidae.

euglena Lieftinck (*Teinobasis*), 1934a: 8—11, fig. 3. Holotype ♂ and first described ♀. Mid Java, South Banjumas, Djeruklegi, 7.II.1931, F. C. Drescher. — Coenagrionidae.

excelsa Lieftinck [subsp. of *Neurothemis intermedia* (Ramb.)], 1934c: 269—270. Holotype ♂. East [rect. Central N.] Java, Rembang, Kedangan, 40 m, 2.XII.1937, F. Th. Verbeek. — First described ♀. Java, Kangean I. (Java Sea) and Sumba; not specified (see Lieftinck, 1953c: 213—214). — Libellulidae.

exoleta Lieftinck (*Drepanosticta*), 1932b: 515, 517—519, fig. 19. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, IV—VI.1931, W. Stüber. — Platystictidae.

exul Selys (*Alloneura*), 1878 (♂). First described ♀. Halmahera I. (N. Moluccas), labelled "Bernstein, Noord Halmahera" (print), and old drawer-label "exul Hagen" in H. A. Hagen's writing. Collected in the years 1861 or 1862. See Lieftinck, 1938: 89—90. — Protoneuridae.

Currently placed as *Notoneura exul* (Selys).

falcatum Lieftinck (*Mortonagrion*), 1934a: 12—15, fig. 5. Lectotype ♂ and first described ♀. Karimon Djawa Is. (Java Sea), P. Karimondjawa, mangrove-swamps near debouchment of small brook Todjero, 28.XI.1930, M. A. Lieftinck. — Coenagrionidae.

farinicolle Lieftinck (*Pseudagrion*), 1932b: 568, 572—573, fig. 56. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, XI—XII. 1930, W. Stüber. — Coenagrionidae.

fasciculare Lieftinck (*Aciagrion*), 1934a: 15—17, fig. 6—7. Holotype ♂. W. Java, South Preanger, Djampang, ca. 800 m, near Sukanegara, 24.XII.1931, M. A. Lieftinck. — Coenagrionidae.

fenella Campion (*Synthemis*), 1921 (♂). First described ♀. New Caledonia, Forêt de

- Thi, 100—300 m, 28—29.III.1961, J. Sedlacek. See Lieftinck (1971b: 53—54, fig. 37—38). — Corduliidae.
- ferentina* Lieftinck (*Huonia*), 1953d: 189, 205—207, fig. 17—18. Holotype ♂. Halmahera I. (N. Moluccas), Mt. Sembilan, 600 m, 14.X.1951, Sundanese collector.
- Libellulidae.
- feronia* Lieftinck (*Protosticta*), 1933a: 281—285, fig. 1. Holotype ♂ and allotype ♀ (in cop.). W. Borneo, Singkawang, G. Poteng, 325 m, forest brook, 1.XI.1932, L. Coomans de Ruiter. — Platystictidae.
- feronia* Lieftinck (*Synthemis*), 1938: 122—124, fig. 51. Holotype ♂ and first described ♀. N. New Guinea, Bewani Hills, upper course of Tami River, 300—500 m, Josko, 22—30.XI.1936, W. Stüber. — Corduliidae.
- feuerborni* Schmidt (*Aciagrion*), 1934: 344—346, fig. 43—46. Lectotype ♂ and first described ♀. N.E. Central Sumatra, Lake Toba area, Huta Gindjang, 3.IV.1929 (Deutsch. limnol. Sunda-Exped. 1928—29). Selected by E. Schmidt and presented to author in 1935. — Coenagrionidae.
- filicornis* Lieftinck (*Torrenticnemis*), 1949a: 104—107, fig. 101, 113, 129—130, 137—138. Holotype ♂ and allotype ♀ (in cop.). Central W. New Guinea, Sahuwari River basin, Sigi Camp, 1500 m, 15.II.1939, L. J. Toxopeus (3rd Archbold Exped.). — Platycnemididae.
- Type-species of *Torrenticnemis* Lieft. (op. cit.).
- filostyla* Martin (*Heliaeschna*), 1907b: 221—222. Holotype ♂ (slightly immature, head missing). Rosenberg, Celebes (printed), and "*Heliaeschna filostyla* Martin ♀ /Type au Musée de Leyden", in R. Martin's handwriting. First described ♀ (immature). Same locality label with additional Panybie (written), and *Heliaeschna filostyla* ♀ Type, in R. Martin's writing. — Aeshnidae.
- (See also Martin, 1909b: 165—167, fig. 167—168, incl. *H. gladiostyla* Martin, ♂ Celebes. — Syn. nov.).
- fissicollis* Lieftinck (*Stenosticta*), 1932b: 551—557, fig. 48—51. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, Pim River, ca. 200 m, III.1931, W. Stüber. — Isostictidae.
- Type-species of *Stenosticta* Lieftinck, nom. praeocc. (op. cit.).
- Now *Tanymecosticta fissicollis* (Lieft.).
- fissidens* Lieftinck (*Idiocnemis*), 1958: 260—261, 281, fig. 1—5. Holotype ♂ and first described ♀. Waigeu I., off N.W. New Guinea, labelled "Waigeoe [H. A.] Bernstein". — Platycnemididae.
- flammula* Lieftinck (*Prodasineura*), 1948a: 227—231, fig. 1, 3. Holotype ♂. E. Borneo, Kutai, Batau Besi, near Sangkulirang, VI.1937, M. E. Walsh. — Protoneturidae.
- flammula* Lieftinck (subsp. of *Palaiargia ceyx* Lieft.), 1949a: 115, 125—126, fig. 136. Holotype ♂ and first described ♀. Central N. New Guinea, Sahuwari River valley, Sigi Camp, 1500 m, 17.II.1939 (♂) and 20.II.1939 (♀), L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae.
- flavipedum* Lieftinck (*Papuagrion*), 1949a: 156—157, fig. 186—187. Lectotype ♂. W. New Guinea, Onin Peninsula, Fak Fak, sea-level, VII.1939, R. G. Wind. — Coenagrionidae.
- floresianus* Lieftinck (*Lestes*, sg. *Indolestes*), 1960c: 141—143, pl. 2 fig. 1, fig.

- 16, 17. Holotype ♂. Flores I. (Lesser Sunda Is.), Rana Mese, W. Flores, 1200 m, 5.IV.1958, A. M. R. Wegner. — Lestidae.
- fluviatilis** Lieftinck (*Chalybeothemis*), 1933b: 132—137, pl. 13 fig. 1, pl. 14 fig. 2, pl. 15 fig. 3. Lectotype ♂ and first described ♀. W. Borneo, Pontianak, Peniti River, 24.II.1931, L. Coomans de Ruiter. — Libellulidae.
- Type-species of *Chalybeothemis* Lieftinck (op. cit.).
- foliacea** Lieftinck (*Oligoaeschna*), 1968a: 149, 153, 169—171, fig. 4, 6, 7. Holotype ♂ and first described ♀. W. Borneo, Singkawang area, Mt. Poteng, 400 m, 15.IV.1934 (♂) and Patengahan-Bakuan road, 20.VII.1931 (♀), L. Coomans de Ruiter. — Aeshnidae.
- foliosa** Navás (*Platycnemis*), 1932: 9—10, fig. 21a-c. Holotype ♂. E. China, Shanghai: Zô-sè (China) 13.V.30, and *Platycnemis foliosa* ♂ Nav., P. Navás S. J. det., both labels in L. Navás' writing; with pink label *Typus* (id.). Ex coll. L. Navás, pres. 1934. — Platycnemididae.
- fonticola** Lieftinck (*Notoneura*), 1932b: 524, 528, 533—535, fig. 29—31. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, III.1931, W. Stüber. — Protoneuridae.
- fontinalis** Lieftinck (*Argiolestes*), 1956b: 69, 84—85, fig. 11, 16; 109—110, fig. 49—52. Holotype ♂ and first described ♀. W. New Guinea, Berau Peninsula (Vogelkop), Beraur River area, Klamono oilfields (50 km from westcoast inland), 50 m, 20—24.VIII.1948, M. A. Lieftinck. — Megapodagrionidae.
- forficulatum** Lieftinck (*Mortonagrion*), 1953f: 392—395, fig. 3, 3a. Holotype ♂ and first described ♀. S. Borneo, Sampit distr., 50—100 m, Pemantan, 150 km inland, 27.VII.1953, M. A. Lieftinck. — Coenagrionidae.
- fraterculum** Lieftinck (*Papuagrion*), 1937a: 26, 41—43, fig. 29—30. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, southern slope of Mt. Cycloop, 1000 m, 18—23.IX.1935, W. Stüber. — Coenagrionidae.
- fraterna** Albarda (*Trithemis*), 1881: 4. Holotype ♂. Central Sumatra, Sungei Abu, labelled "v[an] Soeng[ei] aboe n[aar] Moea[ra] Lab[oe] 3—10.10.1877", Sumatra Exp., "Trithemis fraterna Albarda ♂", in H. Albarda's writing, coll. Albarda acq. 1892 (print). With Ris's identification label: *Trithemis aurora* Bm., det. Dr. F. Ris. — Libellulidae.
- Currently placed as a synonym of *T. aurora* (Burm.), see Ris (1912b: 778), who considers it an individual variation. It is, however, possibly a distinct subspecies, or even a good species.
- Preoccupied by *T. fraterna* (Hagen, 1873) Kirby, 1890, a synonym of *Erythrodiplax c. connata* (Burm.); and, if Albarda's insect proves to be distinct taxonomically, it would require a new name.
- fruhstorferi** Krueger (*Alloneura*), 1898 (♂). First described ♀. Central Java, Banjumas, Mt. Slamet, Baturraden, 760 m, 16.IV.1928, F. C. Drescher. See Lieftinck, 1930b: 147—151, fig. 13—16. — Protoneuridae.
- Currently known as *Notoneura insignis* (Selys).
- fulgens** Ris (*Diplacina*), 1898: 323—324 (incomplete ♂ and ♀ New Britain). First described complete ♂. New Britain (Bismarck Arch.), Vanubakan, near Kerawa, 11—20.XI.1959, J. L. Gressitt. See Lieftinck, 1963c: 768—769, fig. 24—27. — Libellulidae.
- Holotype ♂ (incomplete), New Britain (MNB).

fulgens Lieftinck (*Teinobasis*), 1949a: 172—174, fig. 220—221. Holotype ♂. S.W. New Guinea, Sungei Arja near Umar, W. of Uta (southcoast), 26.VI.1941, E. Lundqvist (Negumy Exped.). — Coenagrionidae.

fulvia Fraser (*Gynacantha*), 1926: 477—478. Holotype ♀. S. New Guinea, Frederik Hendrik Eiland [Marind Anim, south of Digul River debouchment], III.1910, coll. unknown. — Aeshnidae.

Syn. of *Gynacantha kirbyi* Krueger. — Syn. nov.

funereum Lieftinck (*Thaumatagrion*), 1932b: 508—514, fig. 14—17. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Pim River, 200 m, III. 1931, W. Stüber. — Platynemididae.

Type-species of *Thaumatagrion* Lieftinck (op. cit.).

furcifer Lieftinck (*Podolestes*), 1950c: 40, 44—47, fig. 3—4. Holotype ♂. S. Borneo, Sampit, 0—50 m, II.1950, W. Buyn. — Megapodagrionidae.

gazella Lieftinck (*Drepanosticta*), 1929b: 110—112, 115, fig. 1—3. Holotype ♂ and first described ♀. Central Java, Banjumas, Mt. Slamet, Baturraden, 2500 ft., 13.VI. 1928 (♂) and 9.VI.1928 (♀), F. C. Drescher. — Platystictidae.

geijskesi Needham (*Progomphus*), 1944 (♀). First described ♂. Surinam, Suriname River, Arosobanja Falls, 27.V.1959, J. Belle. See Belle, 1966a: 7—11, fig. 13—20, pl. 2. — Gomphidae.

geijskesi Belle (*Rhodopygia*), 1964b: 48—54, fig. 22—25. Holotype ♂ and first described ♀. Surinam, Republiek, 26.XII.1961 (♂) and Zanderij (Bos Bivak), 1.XII.1962 (♀), J. Belle. — Libellulidae.

geminata Fraser [subsp. of *Caconeura salomonis* (Selys)], 1926: 492—493. Lectotype ♂ and first described ♀. Kei Is., Groot Kei, Gg. Daab, no. 149, 1922 (♂) and Elat, no. 156 (♀), H. C. Siebers. — Protoneuridae.

Syn. of *Notoneura eburnea* (Foerster), see Lieftinck, 1937a: 22—23, fig. 15—16 (♂ ♀ types of *Caconeura salomonis geminata* Fraser).

Currently placed in *Notoneura* Tillyard.

geometricus Selys (*Onychogomphus*), 1854: 31. Holotype ♀. Java, labelled "Java K[uhl] & v. H[asselt]" (white disk), with identification label of M.A.L. and "holotype" (see also Lieftinck, 1929b: 131—133). — Gomphidae.

First described ♂ from Java, by de Selys & Hagen (1858: 280—282, 20—22 sep., pl. 1 fig. 1) (IRSN).

glochidion Lieftinck (*Bironides*), 1963c: 759—761, fig. 8—11. Holotype ♂ and first described ♀. Papua, Central Province, 75 km W. of Pt. Moresby, Doa Estate, 13.X.1962 (♂) and 19.IX.1962 (♀), R. Straatman. — Libellulidae.

gloriosa Lieftinck (*Archboldargia*), 1949a: 145—146, fig. 144—144a, 147, 162. Holotype ♂ (immature). Central N. New Guinea, Sahuweri River valley, Top Camp, 2100 m, 29.I.1939, L. J. Toxopeus. — Coenagrionidae.

gomphoides Lieftinck (*Microtrigonia*), 1933d: 36—39, fig. 23—25. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, foot of Cycloop Mts., 400 m, IV—VI.1931, W. Stüber. — Libellulidae. Plate 6.

goniocercus Lieftinck (*Lestes*, sg. *Indolestes*), 1960c: 154—155, 159, fig. 24. Holotype ♂. W. New Guinea, western extremity, Malano, 15 km S.E. of Sorong, 2.IX. 1948, M. A. Lieftinck. — Lestidae.

gracilentula Lieftinck (*Synthemis*), 1935c: 285, 290—293, fig. 45. Lectotype ♂ and

first described ♀. N. New Guinea, Humboldt Bay area, Cycloop Mts., 1000 m, 13.IX.1932 (♂) and 9.IX.1932, W. Stüber. — Corduliidae.

gracilis Albarda *in* Selys (*Libellula*), 1887: 15—16. Lectotype ♂ and first described ♀. Iran, both labelled "N. Perzië, Sibakuh" and on the reverse side, "Libella gracilis Albarda", in H. Albarda's writing, Coll. Albarda acq. 1892 (print). Both with Ris's identification label *Orthetrum ransonnetii* Br., det. Dr. F. Ris. — Libellulidae.

Syn. of *Orthetrum ransonneti* (Brauer).

gracillima Fraser (*Teinobasis*), 1926: 494, fig. 7. Holotype ♂. A papered specimen, marked "T(9)" on the envelope and described as from "Java" (err. pro Celebes!). — Coenagrionidae.

Erroneously considered synonymous with *T. superba* (Selys) by Lieftinck, 1935c: 254. Bona species.

guyanensis Belle (*Progomphus*), 1966a: 20—24, fig. 33—43, 45, pl. 3. Holotype ♂ and first described ♀. Surinam, Upper Coropina River (Dauwdropkamp), 26.XII. 1959 (♂), and Upper Para River, 30.IV.1963 (♀), J. Belle. — Gomphidae.

haematosoma Lieftinck (*Prodasineura*), 1937b: 84—86, fig. 16. Holotype ♂ and first described ♀. W. Borneo, Singkawang, forest brook near Bengkajang, 15.VI (♂) and 13.X.1933 (♀), L. Coomans de Ruiter. — Protoneuridae.

halcyon Lieftinck (*Palaiargia*), 1938: 97—99, fig. 33. Lectotype ♂ and first described ♀. N. New Guinea, southern Bewani Hills, upper course of Tami River, 5 days' journey S.E. of Hollandia, 250 m, Fumb (Keerom?) River, 25—27.IV.1937, W. Stüber. — Coenagrionidae.

hamifera Lieftinck (*Macromia*), 1955c: 253—256, fig. 1—4. Holotype ♂. E. China, Prov. Fu Kien, Kuatun, Chung-an Hsien, 2300 m, 22—25.VIII.1943, T. C. Maa. — Corduliidae.

harrissoni Lieftinck (*Podolestes*), 1953e: 233—236, fig. 1—2. Holotype ♂ and first described ♀. N.W. Borneo, Sarawak, Kuching, Matang Road, 3rd mile, 22.IX.1950, M. A. Lieftinck. — Megapodagrionidae.

helvola Lieftinck (*Teinobasis*), 1930b: 155—157, fig. 21. Holotype ♂ and allotype ♀ (in cop.), S. Celebes, Maros, VI.1929, G. Overdijkink. — Coenagrionidae.

hermione Lieftinck (*Macromia*), 1952a: 442, 454—456, 461, 467—468, fig. 4, 9, 18, 22. Lectotype ♂ and first described ♀. Misool I., off W. New Guinea, surroundings of Fakal, ca. 50 m, 18.X.1948 (♂) and 23.IX.1948 (♀), M. A. Lieftinck. — Corduliidae.

heterostylus Lieftinck (*Platylestes*), 1932c: 248—251, fig. 1—2. Holotype ♂. S.W. Java, res. Banjumas, Djeruklegi, 28.I.1931, "Head and eyes dark brown. Thorax grass-green with black spots. Abdomen grass-green with black rings at articulations. Appendages white" (living colours, F. C. Drescher leg.). — Lestidae.

First described ♀ from Malaya and Sunda Islands (Lieftinck, 1960c: 135—136, fig.).

Now *Lestes* (*Platylestes*) *heterostylus* Lieft.

hilbrandi Lieftinck (*Hemicordulia*), 1942: 548—549, pl. 35 fig. 110—111. Holotype ♂. West Central New Guinea, Wissel Lakes group, Lake Paniai, 1742 m, 4.IX.1939, H. Boschma (Le Roux Exped.). — Corduliidae.

hippolyte Lieftinck (*Diplacina*), 1933d: 44, 57—58, fig. 31, 33. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Cycloop Mts., 1000 m, 13.IX.1932, W. Stüber. — Libellulidae.

hoogerwerfi Lieftinck (*Ceriagrion*), 1940b: 360—361, fig. 14. Holotype ♂. N. Sumatra, Atjeh, Meluwak, Laut Tiga Sagi (mountain lake), ca. 1500 m, 24.IV.1937, A. Hoogerwerf. — First described ♀. S.W. Sumatra, Benkulen, Mt. Dempo, Tebat Kerindjing-ketjil, 1100 m, X.1941, W. C. Verboom. (See Asahina, 1967: 271—272, 322, fig. 46—52).

Now classified as a subspecies of *C. bellona* Laidlaw.

humeralis Lieftinck (subsp. of *Teinobasis serena* Lieft.), 1949a: 168—169, fig. 172, 217. Lectotype ♂ and first described ♀ (dark colour-phase). N. New Guinea, Humboldt Bay area, upper reaches of Bewani River system, Keerom River distr., Tompar, 25.VI.1939, W. Stüber. — Coenagrionidae.

humphriesi Lieftinck (*Lestes*), 1952b: 126—128, fig. 1—2. Holotype ♂ and first described ♀. S. Australia, Murray River near Renmark, 13.IX.1949, L. Humphries. — Lestidae.

Synonymous with *Lestes (Austrolestes) aridus* Tillyard, see Fraser, 1960: 24.

huonensis Lieftinck (*Idiocnemis*), 1958: 267—270, 284, fig. 27—31. Holotype ♂ and first described ♀. N.E. New Guinea, Huon Gulf, labelled "Sattelberg (Gegalgalu), Sommer 1900, Carl Wahnes" (F. Förster's writing), identified by F. Förster with "I. inornata Selys Subrasse huonensis Foerster, Type" [nom. nud.], nos. 2253 and 2254, respectively, ex UMMZ. — Platynemididae.

burleyi Tillyard (*Rhyothemis*), 1926 (♂). First described ♀. N. New Guinea, Humboldt Bay area, Hollandia and env., 1931—1937, various locs., no dates selected, W. Stüber. See Lieftinck, 1942: 502—504, pl. 30 fig. 62—65. — Libellulidae.

The above females included the "allotype", which should be, however, assigned to a different (undescribed) subspecies; only the males reported from S. New Guinea (Digul River basin) are nominotypical *burleyi*.

hyalinus Selys (*Chlorogomphus*), 1869b: 202 (39 sep.). Nom. nov. pro *C. magnificus* Selys ♂. Holotype ♂. Muller Java (print). — Cordulegasteridae.

The specimen is in a very dilapidated state, lacking its head, most of the thoracic segments and terminalia of abdomen. It was photographed in that condition by the late R. van Eecke at Leiden, who sent a copy to F. C. Fraser for publication of a wing-photograph reproduced in his revision (1929: 144, fig. 25A).

Conspecific with *C. magnificus* Selys, of which it is the ♂.

hylophila Lieftinck (*Huonia*), 1942: 489, 492, pl. 26 fig. 36—37. Holotype ♂. Central N. New Guinea, Sahuweri River basin, Araucaria Camp, 800 m, 28.III.1939, L. J. Toxopeus. — Libellulidae.

First described ♀ (incomplete). W. New Guinea, Vogelkop, Taminabuan (S.W.-coast), 16.III.1949, Sten Bergman.

ianthinipennis Lieftinck (*Neurobasis*), 1949a: 17—18, 22—23, fig. 6. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, southern slopes of Cycloop Mts., 900 m, 26.VI.1938, J. Olthof. — Calopterygidae.

inaequale Lieftinck (*Ceriagrion*), 1932b: 592—594, fig. 65. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, 27.VIII—4.IX.1930, W. Stüber. — Coenagrionidae.

See Asahina (1967: 289—291, fig. 116—122).

incisura Lieftinck (*Archibasis*), 1949a: 185, 186, 188, fig. 229, 233. Holotype ♂ and first described ♀. W. Borneo, Singkawang, forest-marsh near Bakuan, 19.VII.

1932 (♂) and Sungei Bagak, 29.XII.1932 (♀), L. Coomans de Ruiter. — Coenagrionidae.

indicus Lieftinck (*Anax*), 1942: 589—591. Lectotype ♂. Peninsular India, Coorg, Hallery near Mercara, 15.V.1923, F. C. Fraser leg. & don., misidentified as *A. guttatus* Burm. — Aeshnidae.

First recognized as a distinct species upon a ♂ illustrated by Laidlaw (1921: 83—84, fig. 2, ♂ abdomen, sub *A. guttatus* Burm., Series A), from Barkuda I., 1479/H2 (N.E. Peninsular India, Orissa, Chilka Lake, N. Annandale leg.), ex Indian Mus., and probably no more in existence. See also the correspondence between the late J. Cowley and the author, in Lieftinck, 1955e: 84—86.

infans Lieftinck (subsp. of *Nannophlebia imitans* Ris), 1963c: 757—758. Holotype ♂. New Ireland (Bismarck Archip.), Kandan, 22.XII.1959, W. W. Brandt. — Libellulidae.

infracavum Schmidt (*Pseudagrion*), 1934: 349—350, fig. 49 (♂ E. Java). Lectotype ♂. E. Java, Ranu (Lake) Lamongan near Klakah, S.S. Hotel, X—XI.1928 (Deutsch. limnol. Sunda-Expedition 1928—29). Selected by E. Schmidt and in 1935 presented to the author. — Coenagrionidae.

Syn. of *P. nigrofasciatum* Lieftinck, 1934 (see Lieftinck, 1936a: 124, footnote). **inornata** Selys (*Idiocnemis*), 1878b (♂). First described ♀ (in cop.). W. New Guinea, Vogelkop (western extremity), env. of Sorong, ca. 50 m, forest stream, 24.X.1948, M. A. Lieftinck. See Lieftinck, 1958: 264—266, fig. 10. — Platycnemididae.

inscriptus Hagen in Selys (*Onychogomphus?*), 1878a: 422—423. Holotype ♀. “Java K[uhl] & v. H[asselt]” (white disk), over drawer-label “Inscriptus Hagen/Java”. See Lieftinck, 1929b: 130—131, fig. 22. — Gomphidae. Plate 4.

Currently known as *Burmagomphus inscriptus* (Hag. & de Selys) (= *B. jacobsoni* Ris, 1912, ♂ holotype in SMF, ♂ syntype in ML).

insulare Lieftinck (*Papuagrion*), 1949a: 160, fig. 204—205. Holotype ♀. Schouten Is. (off N.W. New Guinea), Biak I., Bosnik, 15.VI.1938, L. J. Toxopeus. — Coenagrionidae.

interposita Lieftinck (*Phasmoticta*), 1951b: 17—24, fig. 8—10. Holotype ♂ (immature; wings and penile organ detached and papered separately). N. Australia, N. Queensland, Redlynch, 5.XI.1938, R. G. Wind. — Isostictidae.

Type-species of *Phasmoticta* Lieftinck (op. cit.).

A recent comparison (by J. A. L. Watson and the writer) of this individual with authentic specimens of *Oristicta filicicola* Tillyard, 1913 (terr. typ. Cooktown, N.Q.), a monotypic and inadequately described and figured zygopteron, reveals that these insects are probably conspecific, in which case *P. interposita* falls as a synonym of Tillyard's species (J. A. L. Watson, unpublished).

interrogata Selys (*Agrionopiera*), 1878b (♀). First described ♂. Biak I. (Schouten Is., off N.W. New Guinea), Bosnik, 16.VI.1939, L. J. Toxopeus. See Lieftinck, 1942: 463, pl. 24 fig. 15. — Libellulidae.

Now *Nesoxenia mysis interrogata* (Selys).

inversa Lieftinck (*Drepanosticta*), 1949a: 55—56, fig. 29, 58—59. Holotype ♂. W. New Guinea, Berau peninsula (Vogelkop), Manokwari, 15.VI.1938, L. J. Toxopeus. — Platystictidae.

io Fraser (*Rhinocypha*), 1926: 485—486. Holotype ♂. “Sumatra” [err. pro Java!], without further particulars. — Chlorocyphidae.

Syn. of *R. heterostigma* Ramb., see Lieftinck, 1954: 11, footnote.

irene Lieftinck (*Notoneura*), 1949a: 64—67, fig. 62—66, 87—88. Holotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River valley, Araucaria Camp, 700—800 m, 17 and 31.III.1939, respectively, L. J. Toxopeus & J. Olthof (3rd Archbold Exped.). — Protoneuridae.

irene Lieftinck (subsp. of *Rhythemis princeps* Kirby), 1942: 515—516, pl. 31 fig. 70—73, pl. 33 fig. 88—89. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, VII.1930, W. Stüber. — Libellulidae.

irina Lieftinck (*Macromia*), 1950b: 714—716. Holotype ♂. S. Celebes, foot of Mt. Lompobatang, Borong Rapoa, 800 m, VIII.1949, A. Diakonoff. — Corduliidae.

irregularis Brauer (*Tetrathemis*), 1868 (♀). First described ♂. Basilan I. (S. Philippine Is.), Maloong, 15.XI.1932, K. Kuwasima. See Lieftinck, 1942: 448—450, pl. 23 fig. 5 and 9. — Libellulidae.

Now *T. i. irregularis* Brauer.

ismene Lieftinck (*Diplacina*), 1933d: 44, 55—57, fig. 31—32. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, IV—VI.1931, W. Stüber. — Libellulidae.

isoetes Lieftinck (*Ischnura*), 1949a: 225—229, fig. 277—278, 281—284. Lectotype ♂ and first described ♀. Central W. New Guinea, Snow Mountain (Nassau) Range, Lake Habbema, 3250 m, 13.VIII. 1938, L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae.

[*japonicus* Selys (*Sieboldius*), 1854: 83. Types ♂ and ♀, given as from "Japon. (Musée de Leyde)"; ♂ destroyed. — Gomphidae.

This species is a resident of Malaya, Sumatra and Borneo. The type ♂ was erroneously recorded from Japan, the description being based on a specimen labelled "Muller Borneo". This was examined by me in 1929, but has since been destroyed. An old ♀ (still extant) and labelled "Burger Japan" is possibly the specimen first described by de Selys as *japonicus* and may be conspecific with *S. albardae* Selys (1886), described from "Pékin".]

In the Brussels Museum (IRSN) are three males of later date, labelled "Lansbg. [= van Lansberge] Borneo" and "Bukau, N. Borneo".

javana Lieftinck [subsp. of *Copera vittata* (Selys)], 1940c: 292, 298—303, fig. 1^c, 2—4, pl. 10 fig. 23—25, pl. 11 fig. 3, pl. 12 fig. 3—4, pl. 13 fig. 4, pl. 14 fig. 4. Holotype ♂ and first described ♀. S.W. Java, southcoast, Ujung Genteng, 26—29.III.1937, M. A. Lieftinck. — Platycnemididae.

javica Fraser (*Gynacantha*), 1926: 479—480. Holotype ♀. W. Java, Buitenzorg [Bogor], 22.III.1920, coll. unknown, with Fraser's identification and "Type" written on envelope. — Aeshnidae.

Syn. of *Gynacantha basiguttata* Selys, see Lieftinck, 1930b: 165.

jejuna Lieftinck (*Tanymecosticta*), 1959a: 295—299, fig. 34—37. Holotype ♂ and first described ♀. W. New Guinea, western extremity, Sorong, ca. 40 m, 29.VIII. 1948, forest brook on hill slope, M. A. Lieftinck. — Isostictidae.

jubilaris Lieftinck (*Acrogomphus*), 1964a: 97—102, fig. 13—16. Holotype ♂. N.W. Borneo, Sarawak, Tabang, 7.IX.1958, M.B. 30 L, ex BISH. First described ♀. E. Borneo, Kutai, Samarinda distr., ca. 100 km upstream, Tabang River, kali Bengen, ca. 100 m, 1.XI.1956, A. M. R. Wegner. — Gomphidae.

jucunda Lieftinck (*Macromia*), 1955c: 270—274, fig. 25—26. Holotype ♂. W.

Java, Bogor (Buitenzorg), 250 m, Botanic Garden, 2.II.1954, M. A. Lieftinck. — Corduliidae.

jucundus Lieftinck (*Rhipidolestes*), 1948e: 9—12, fig. 6. Holotype ♂ and first described ♀. E. China, prov. Fu Kien, Kuatun, 2300 m, 2.VI.1938 (♂) and 7.VI.1938 (♀), J. Klapperich. — Megapodagrionidae.

juliana Lieftinck [subsp. of *Rhythemis regia* (Brauer)], 1942: 517, pl. 31 fig. 74—77, pl. 33 fig. 86—87. Holotype ♂. N. New Guinea, Humboldt Bay area, near Lake Sentani, 300 m, 9.I.1933, "waterlily pond", W. Stüber. — Libellulidae.

karnyi Fraser (*Argiolestes*), 1926: 486—487. Lectotype ♂. Java [err. pro Celebes], without further indication, with F. C. Fraser's identification and TYPE indication. — Megapodagrionidae.

Described from "three males and one female, collected by Dr. H. Karny", an erroneous statement, as Karny did not collect in Celebes, the only specimen recovered in the Bogor museum being a ♂ undoubtedly originating from northern Celebes and caught by some Indonesian collector.

The specimen is conspecific with *Celebargiolestes cincta* (Selys). — Syn. nov.
karnyi Fraser (*Procordulia*), 1926: 472—473 (composite description!). Lectotype ♂ (head and prothorax detached, tips of superior apps. broken off). E. Java, Tengger Mts., 1200 m, 8.XII.1920, Hans Docters van Leeuwen, labelled "Procordulia karnyi ♂ Type" in F. C. Fraser's writing. — Corduliidae.

In the Buitenzorg Museum were 1 ♂, returned by Fraser and 1 ♀, both from the Tengger Mts., the ♀ dated 14.I.1921, same collector as lectotype, and labelled "Allotype". A second ♂, from S. Sumatra, Lampong distr., Wai Lima, XI—XII. 1921, H. H. Karny and H. C. Siebers (recorded in the original description) and labelled by Fraser "Procordulia javica sp. n. ♂ Type", is a misidentified example of *Zygonyx ida* Selys. Fraser's description of the ♂ terminalia of *P. karnyi* applies to the organs of *Z. ida*, with which it was evidently confounded. See also Lieftinck (1930b: 162—164), who considered it conspecific with *P. sambawana* Foerster; it is, however, probably subspecifically distinctive.

karnyi Laidlaw [subsp. of *Caconeura verticalis* (Selys)], 1926: 230—231. Lectotype ♂. Mentawai Is. (off W. Sumatra): Siberut I., X.1924, H. H. K[arny]. — Protoneuridae.

Now *Prodasineura verticalis* (Selys), see Lieftinck, 1954: 43—44.

kimminsi Lieftinck (*Lieftinckia*), 1963a: 537—541, pl. 26 fig. 3, fig. 17—18. Holotype ♂. Solomon Is., S. Bougainville I., central part, Crown Prince Range, W. of Kieta, Kokorei (= Kokure), 900 m, 12.VI.1956, E. J. Ford Jr. First described ♀ (incomplete), same loc., 9.VI.1956, J. L. Gressitt. — Platycnemididae.

kimminsi Lieftinck (*Neurobasis*), 1955a: 163—166, pl. 3 fig. 5. Holotype ♂ and first described ♀. Papua, Kwagira River, Peria Creek, 50 m, 14.VIII—6.IX.1953, G. M. Tate (4th Archbold Exped.). — Calopterygidae.

krugeri Laidlaw (*Drepanosticta*), 1926: 228—229, fig. 2a-c. Lectotype ♂ (headless, otherwise in perfect condition). Mentawai Is. (off W. Sumatra): Sipora I., 21.X. 1924, H. H. K[arny], no. 95. — Platystictidae.

One intact ♂ from N. Pagai I. (Mentawai Is.), now also in the Leiden museum, according to Laidlaw (op. cit.), is a syntype (see Lieftinck, 1934d: 468—469, pl. 10 fig. 1—4).

kuiperi Lieftinck (*Amphicnemis*), 1937b: 99—101, fig. 23. Holotype ♂ and first described ♀. Billiton I. (west), Tjerutjuk, VIII.1935, F. J. Kuiper. — Coenagrionidae.

lachesis Lieftinck (*Macromia*), 1971b: 38—40, fig. 20, 25—26. Holotype ♂ and first described ♀. New Britain (Bismarck Archip.), Illugi, 8.XII.1962, J. Sedlacek (♂, ML), and Gaulim, 160 m, 20—28.X.1962, J. Sedlacek (♀, BISH). — Corduliidae.

[*lacteola* Selys (*Platycnemis*?), 1863: 167—168. Holotype ♂, destroyed. "Le Japon. Musée de Leyde, où j'ai pris le signalement très-incomplet qu'ont vient de lire". — Platycnemididae.]

laglaizei Selys (*Telebasis*), 1878b (♂). First described ♀. N. New Guinea, Humboldt Bay area, Hollandia and env., I—II.1931, XII.1932, II, IV and X.1933, W. Stüber. See Lieftinck, 1935c: 259—260. — Coenagrionidae.

Now *Teinobasis laglaizei* (Selys).

lairdi Lieftinck (*Lieftinckia*), 1963a: 534—537, 542, pl. 26 fig. 2, fig. 13—16. Holotype ♂ (immature, in alcohol). Solomon Is., Guadalcanal I., Suta, 680 m, on ridge above Sutakiki River, 27.VI.1956, J. L. Gressitt. — Platycnemididae.

First described ♀ (immature). Solomon Is., Guadalcanal I., Tapenanje, 10—23. XII.1953, J. D. Bradley, BM. 1954—222, *Lieftinckia*? sp., det. D. E. Kimmins (BM).

lamberti Lieftinck (*Lanthanusa*), 1942: 497—499, pl. 27 fig. 42—43, 45. Holotype ♂. Central N. New Guinea, Snow Mountain (Nassau) Range, moss-forest N.E. of Lake Habbema, 2800 m, 25.X.1938, L. J. Toxopeus (3rd Archbold Exped.). — Libellulidae.

laminatum Lieftinck (*Papuagrion*), 1937a: 28, 37—39, fig. 25—26. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, upper course of Korimé River, Mameda-Warim, ca. 250 m, about 15 km W. of Lake Sentani, 24.IX.1934, W. Stüber. — Coenagrionidae.

lamprostomus Lieftinck (*Argiolestes*), 1949a: 49—51, fig. 26, 36. Holotype ♂ and first described ♀. Central N. New Guinea, Idenburg River basin, Bernhard Camp B, 100 m, 9.IV.1939 (♂) and 6.IV.1939 (♀), L. J. Toxopeus et al. (3rd Archbold Exped.). — Megapodagrionidae.

lara Krueger (*Euphaea*), 1898 (♂). First described ♀. E. Sumba (Lesser Sunda Is.), Kanangar, 700 m, V.1925, K. W. Dammerman. See Lieftinck, 1936a: 106—167, fig. 1. — Euphaeidae.

Now *E. lara lara* Krueger.

latericum Lieftinck (*Ceriagrion*), 1951c: 185—186, 193—196, fig. 3. Holotype ♂ and first described ♀. S.E. Sumatra, Palembang, Bukit Besar, 25.IX.1937, "dark rubber plantation" (♂) and Palembang, 3.IX.1937, "own garden" (♀), L. Coomans de Ruiter. — Coenagrionidae.

Now *C. latericum latericum* Lieft. (see Asahina, 1967: 291—293, fig. 123—135).

leonardi Lieftinck (*Idiocnemis*), 1958: 275—276, 282, fig. 52—54. Holotype ♂. Tagula I. (Sudest I., Louisiade Archip.), N.-coast, Joe Landing, 0—100 m, 18—21.VIII.1956, L. J. Brass (5th Archbold Exped.). — Platycnemididae.

leopoldi Fraser (*Procordulia*), 1932 (♂ juv.). First described ♀ and adult ♂. N. New Guinea, Humboldt Bay area, Cycloop Mts., 1000 m, IX—X.1932, W. Stüber. See

- Lieftinck, 1935c: 295—298, fig. 47—49. — Corduliidae.
- leptalea Lieftinck (*Tanymecosticta*), 1959a: 299—300, fig. 5, 13, 38—41. Holotype ♂. Woodlark I. (Murua I.), Kulumadau, 0—100 m, 2.XI.1956, L. J. Brass (5th Archbold Exped.). — Isostictidae. Plate 1.
- lepyricollis Lieftinck (*Drepanosticta*), 1949a: 57—59, fig. 31, 53—57. Holotype ♂. Central N. New Guinea, Idenburg River valley, above Bernhard Camp, 750 m, 25.III.1939, L. J. Toxopeus (3rd Archbold Exped.). — Platystictidae.
- lethe Lieftinck (subsp. of *Diplacina paula* Ris), 1953d: 155, 161—164, fig. 1—2. Lectotype ♂. Misool I. (off New Guinea), Solal, source of Gu River, ca. 50 m, 15.X.1948, M. A. Lieftinck. — Libellulidae.
- liberata Lieftinck (*Rhinocypha*), 1949a: 27—29, fig. 9. Holotype ♂. Solomon Is., Ugi I., off the northcoast of San Cristoval, 6.V.1934, no. 2513, R. A. Lever. — Chlorocyphidae.
- lieftincki Asahina (*Ceriagrion*), 1967: 297—298, 325, fig. 144—149. Holotype ♂. Philippine Is., Basilan I., Maloong, 29.IX.1932, K. Kuwasima. — Coenagrionidae.
- lieftincki Laidlaw (*Coeliccia*), 1932: 32—33, pl. 1 fig. 8, 14; pl. 2 fig. 13—14, pl. 3 fig. 2. Holotype ♂ and allotype ♀ (in cop.). S. Java, prov. Banjumas, S.-coast, Nusa Kambangan, 18.VI.1927, F. C. Drescher. — Platynemididae.
- See also Kimmins, 1970: 180.
- lieftincki Belle (*Negomphoides*), 1970: 154—158, fig. 258—264. Holotype ♂. Perú, environs of Tingo Maria on Guayaga river, 700 m, 1962, L. Gómez Alonso. First described ♀. Perú, dept. Huanuco, Huallaga river area, 6—700 m, Rio Rondos, X.1962—XI.1963, L. Gómez Alonso. — Gomphidae.
- lieftincki Watson (subsp. of *Trapezostigma liberata* Lieft.), 1967: 396, 400, fig. 19, 43. Holotype ♂ and first described ♀. Central W. New Guinea, Wissel Lakes (Paniai), Lake Tigi, Waghete, 1740 m, 13.I.1955 (♂, no. 840) and 12.I.1955 (♀, no. 841), L. D. Brongersma et al. — Libellulidae.
- liesthes Lieftinck (*Bironides*), 1937a: 51—53, fig. 36. Holotype ♂ and first described ♀. N. New Guinea, ca. 15 km south of Bougainville Hills, Nonno (Japu) hills, ca. 400 m, 12—21.II.1936, W. Stüber. — Libellulidae.
- lilacina Foerster (*Trithemis*), 1899a (♂). First described ♀. E. Sumba (Lesser Sunda Is.), Kananggar, 700 m, V.1925, K. W. Dammerman. See Lieftinck, 1936a: 144—145. — Libellulidae.
- linsleyi Lieftinck (*Lestes*, sg. *Indolestes*), 1960c: 148—151, 160, pl. 5 fig. 9—10; fig. 15, 26—27. Holotype ♂. Papua, Central Province, Brown Range, E. of Pt. Moresby, 8.VI.1955, J. L. Gressitt. — First described ♀. S. New Guinea, Digul River territ., Obaa distr., Mappi Post, IV.1938, J. M. van Ravenswaay Claasen. — Lestidae.
- lombockensis Mac Lachlan (var. of *Euphaea lara* Krueger), 1898 (♂). First described ♀. W. Flores (Lesser Sunda Is.), Wai Radjang, 140 m, 16—18.XI.1929, J. K. de Jong. See Lieftinck, 1936a: 108—110, fig. 2 (name miss-spelt *lombokensis*). — Euphaeidae.

Now *E. lara lombockensis* MacLachlan.

longipennis Selys in Selys & Hagen (*Calopteryx*), 1854: 50. Lectotype ♂ (immature). With printed label "v. Siebold, Japan", under old drawer-label "Atrata de Selys" (unknown handwriting). — Calopterygidae.

Described in some detail, yet recognized as juvenile individuals of *C. atrata* Selys, 1853, originally described from China. Of these Japanese specimens the author says:

"Croyant ces exemplaires [deux ♂ du Musée de Leyde] distincts, je les avais d'abord nommés *C. longipennis* (De Selys)".

Synonymous with, or a subspecies of, *C. atrata* Selys.

longispina Lieftinck (Elatoneura), 1937b: 76—79, fig. 10—12. Holotype ♂ and first described ♀. W. Borneo, Singkawang, forest marsh near Bakuan, 17.II.1932, L. Coomans de Ruiter. — Protoneuridae.

lorentzi Lieftinck (Notoneura), 1938: 91—92, fig. 24—26. Holotype ♂ (ex alcohol). Central N.W. New Guinea, Boven [Upper] Jamur, between Geelvink Bay and Etna Bay, 4.VIII.1903, L. F. de Beaufort & H. A. Lorentz. — First described ♀. Berau Peninsula (Vogelkop, eastern interior), Manikiong territory, 14—28.II.1903, same collectors. — Protoneuridae.

lorquini Selys (*Telebasis*), 1877 (♀). First described ♂. E. Celebes, Malili, with label: K 68b, VIII.1932, R. Woltereck. See Lieftinck, 1935c: 256—257. — Coenagrionidae.

Now *Teinobasis lorquini* (Selys).

lousiadensis Lieftinck (*Idiocnemis*), 1958: 274—275, 283, fig. 43—51, 55. Holotype ♂ and first described ♀. Misima I. (St. Aignan, Louisiade Archip.), Sisa, north slopes, 350 m, 18.VII.1956, L. J. Brass (5th Archbold Exped.). — Platycnemididae.

luciae Lieftinck (*Teinobasis*), 1937a: 44—46, fig. 31. Holotype ♂ and first described ♀. N. New Guinea, ca. 15 km south of Bougainville Hills, Nonno (Japu) hills, ca. 400 m, 12.II.1936, W. Stüber. — Coenagrionidae.

luctuosa Lieftinck (*Neurothemis*), 1942: 480—482. Holotype ♂. S. New Guinea, Digul River territ., Mappi Post, low country, IV.1938, J. M. van Ravenswaay Claasen. — Libellulidae.

lugens Albarda in Selys (*Vestalis*), 1879: 359—360 (15—16 sep.). Lectotype ♂ and first described ♀. Central Sumatra, with written labels in Snelleman's hand: "Sumatra Exped./Moeara laboe tot 28/11.1877" (♂) and "v. Soengei aboe naar Moeara laboe, 3—10/10.1877" (♀), with *Vestalis lugens* Albarda ♂ and ♀, in Albarda's writing. Ex coll. H. Albarda. — Calopterygidae.

The application of priority of publication would demand that the specific name should be attributed to de Selys Longchamps, not to Albarda, whose beautifully illustrated account was considerably delayed in publication and did not appear in print until the beginning of April 1881. Identical cases are *Libellago snellemanni* (Alb.) and *L. sumatrana* (Alb.). However, the authorship of these three taxa was explicitly stated to be Albarda's by de Selys himself (1879: 350—351, 361—362, 397—399; and again in 1889: 445, 447, 478—479). Since de Selys' first descriptions (1879) were extracted from Albarda's manuscript, there can be no doubt that the names are correctly accredited to Albarda and that lectotype selections should be made from the material in his collection.

lundquisti Lieftinck (*Lestes* sg. *Indolestes*), 1949a: 31—33, fig. 10—12, 97. Holotype ♂. S.W. New Guinea, Sungei Aindua, W. of Uta (southcoast), 50—70 km inland, 4—9.VII.1941, E. Lundqvist et al. (Negumy Exped.). First described ♀. S. New Guinea, Merauke, 12.III.1939, R. G. Wind (see Lieftinck, 1960c: 147—148, fig. 14 & 25, pl. 4 fig. 7—8, ♂ ♀). — Lestidae.

luteipes Lieftinck (*Argiolestes*), 1956b: 71, 94—97, fig. 30—32. Holotype ♂. Papua, Cape Vogel Peninsula, Menapi, up to 150 m, 9.IV.1953, G. M. Tate (4th Archbold Exped.). — Megapodagrionidae.

luxatus Lieftinck (*Lestes*), 1932b: 492, 495—497, fig. 2. Lectotype ♂ and first des-

cribed ♀. N. New Guinea, Humboldt Bay area, Hollandia, XI—XII.1930, W. Stüber. — Lestidae.

Now *Lestes (Indolestes) luxatus* Lieft.

lygisticercus Lieftinck (*Lestes*), 1932b: 492, 497, fig. 3. Holotype ♂. N. New Guinea, Humboldt Bay area, Hollandia, III.1931, W. Stüber. First recorded ♀. N. New Guinea, Humboldt Bay area, Njau Sanké, 15 km S. of Bougainville Mts., 15—25.XI.1935, W. Stüber (Lieftinck, 1949a: 30). — Lestidae.

Now *Lestes (Indolestes) lygisticercus* Lieft.

maclachlani Foerster (*Anax*), 1898 (♂). First described ♀. N. New Guinea, Humboldt Bay area, Hollandia, V.1930, W. Stüber. See Lieftinck, 1942: 587, 605, pl. 39 fig. 140. — Aeshnidae.

madelenae Laidlaw (*Amphicnemis*), 1913 (♂). First described ♀. W. Borneo, Singkawang, forest-marsh near Bakuan, 7.XII.1931, L. Coomans de Ruiter. See Lieftinck, 1940b: 376—377. — Coenagrionidae.

magica Lieftinck (*Hemicordulia*), 1937b: 107—109, fig. 26. Holotype ♂. Bali I., East Bali, Mt. Abang, 1900 m, 7.IV.1936, on mountain ridge, C. G. G. J. van Steenis. — Corduliidae.

Synonymous with *H. australiae* (Ramb.), see Lieftinck, 1953c: 183—184.

magnificus Selys (*Chlorogomphus*), 1854: 99 (80 sep.), ♂ ♀ "Sumatra". Lectotype ♀. Muller Sumatra (print). First described ♂ (incomplete). Muller Java (print); this example is the holotype ♂ of *C. hyalinus* Selys, a new name first proposed for the ♂ in the *Secondes Additions* (1869b: 202), not in the *Monographie* (1858), as stated by de Selys. — Cordulegasteridae. Plate 5 (♂).

A syntypic ♀, also from "Sumatra", bears J. C. H. de Meijere's label "Waar-schijnlijk type" (MA). This is in a much better condition than the lectotype, which now lacks its head, legs and abdomen.

After publication of his "Fissilabioidea" (1929), Fraser informed me in a letter that he wrongly gave the ♂ as the type of *C. magnificus* and that the ♀ from Sumatra should instead be designated lectotype, an opinion with which I concur.

Type-species of *Chlorogomphus* Selys.

Cf. also *Chlorogomphus hyalinus* Selys, in the present paper.

malacodora Lieftinck (*Lochmaeocnemis*), 1949a: 100—104, fig. 103, 116, 120—124, 131—133. Holotype ♂ and first described ♀. Central W. New Guinea, Idenburg River valley, above Bernhard Camp, 700 m, 11.II.1939 (♂) and 25.III.1939 (♀), L. J. Toxopeus (3rd Archbold Exped.). — Platycnemididae.

Type-species of *Lochmaeocnemis* Lieftinck (op. cit.).

malkini Belle (*Phyllocycla*), 1970: 75—77, fig. 112—115. Holotype ♂ and first described ♀. Brazil, Maranhão, Aldeia Yavaruhu (Aracu), 50 km E. of Canindé, 11-25.II.1966, B. Malkin & J. C. Pinheiro. — Gomphidae.

malleifera Lieftinck (*Macromia*), 1955c: 256—258, fig. 5—7. Holotype ♂. E. China, prov. Fu Kien, Kuatun, 2300 m, 6.VII.1938, J. Klapperich. — Corduliidae.

mariae Lieftinck (*Amphicnemis*), 1940b: 366, 374—375, pl. 15 fig. 1. Holotype ♂. E. Borneo, N. Kutai, Sangkulirang distr., Pelawan Besar, V.1937, M. E. Walsh. — Coenagrionidae.

mariae Lieftinck (*Leptogomphus*), 1948a: 249—251, fig. 10 and pl. 8. Holotype

- ♀. E. Borneo, N. Kutai, Sangkulirang distr., Dagaunan, VI.1937, M. E. Walsh. — Gomphidae.
- mariae* Lieftinck (*Rhinocypha*), 1930b: 136—138. Lectotype ♂. S. Sumatra, Benkulen, Lake (Danu) Ranau distr., E. of Surabaja, 600 m, 28.X.1929, M. J. van Steenis-Kruseman & C. G. G. J. van Steenis. First described ♀. S. Sumatra, near locality of lectotype, at Sukanegri, 31.XII.1937, L. Coomans de Ruiter. See Lieftinck, 1948a: 270. — Chlorocyphidae.
- maroccanus* Lieftinck (subsp. of *Gomphus simillimus* Selys), 1966c: 34—38, fig. 6. Holotype ♂, Morocco, Moyen-Atlas, El Hajeb, between Meknès and Azrou, ca. 1050 m, 25.V.1966, M. A. Lieftinck. — Gomphidae.
- First described ♀. Morocco, Moyen Atlas, Ifrane, 1600 m, 15-16.VII.1935, A. Ball (IRSN) (op. cit.).
- [*materna* Selys (*Agriocnemis*), 1877: 151—152. Holotype ♂ and first described ♀. "Sumatra. Un couple au musée de Leyde"; destroyed. — Coenagrionidae.]
- Currently considered synonymous with *A. femina* (Brauer), but probably subspecifically distinct.
- [*melaenops* Selys (*Gomphus*), 1854: 48. Syntype ♂. "Japon. (Musée de Leyde et Collect. Selys)"; destroyed. — Gomphidae.]
- A lectotype ♂ should be selected from de Selys' collection (IRSN).
- melanostoma* Lieftinck (*Anaciaeschna*), 1949b: 354—356, fig. 10. Holotype ♂ (immature). Solomon Is., Guadalcanal I., Aola, VIII.1938, unknown collector (ex NMB). — Aeshnidae.
- melanoxantha* Lieftinck (*Notoneura*), 1949a: 68—70, fig. 80—81, 89—90. Holotype ♂ and allotype ♀ (in cop.). Central N. New Guinea, Sahuweri River valley, Araucaria Camp, 800 m, 21.III.1939, L. J. Toxopeus & J. Olthof (3rd Archbold Exped.). — Protoneuridae.
- merope* Lieftinck (*Diplacina*), 1963c: 761—763, fig. 12—15. Holotype ♂. W. New Guinea, western extremity, Sorong, 2.III.1959, G. F. Mees. — Libellulidae.
- [*metallica* Fraser (*Parathemis*), 1926: 470—471, fig. 1. Holotype ♂. "Java" (err. pro Celebes); lost. Described from a single erroneously labelled ♂ ex Buitenzorg Museum (Mus. Zool. Bog.). — Libellulidae.
- Type-species of *Parathemis* Fraser (op. cit.).
- Syn. of *Celebothemis delecollei* Ris (see Lieftinck, 1936c: 403).
- miae* Lieftinck (*Libellago*), 1940a: 84—88, fig. 1. Lectotype ♂ and allotype ♀ (in cop.). Ceylon, Central Prov., Haragama, 500 m, Mahaweliganga River, 18.IX.1938, M. A. Lieftinck. — Chlorocyphidae.
- Syn. of *Libellago adami* Fraser, 1939: 23—24, fig. 1a-c, ♂ only, from the same locality.
- micans* Lieftinck (*Teinobasis*), 1949a: 174—175, fig. 219. Holotype ♂ and first described ♀. W. New Guinea, Berau Peninsula (Vogelkop), Sungei Tisa (south-coast), 9.V.1941, E. Lundqvist (Negumij Exped.). — Coenagrionidae.
- micans* Lieftinck (*Diplacina*), 1953d: 175—177, fig. 8—9. Holotype ♂ (abd.-segm. 6—10 and app. missing). Waigeu I. (off N. W. New Guinea), with printed label "Waigeu Bernstein", and "*Diplacina smaragdina* Selys", in de Selys' handwriting. — Libellulidae.
- micropsitta* Lieftinck (*Palaeargia*), 1957: 60—64, fig. 16 & pl. 4 fig. 2. Holotype

- ♂ and first described ♀. Misool I. (off W. New Guinea), env. of Fakal, 50—100 m, 2.X.1948, M. A. Lieftinck. — *Coenagrionidae*.
- migratum* Lieftinck [subsp. of *Orthetrum pruinosa* (Burm.)], 1951b: 35—37, fig. 14. Holotype ♂, N. Australia, Cape York Peninsula, Coen, 10.XI.1947, H. L. Pottinger. — *Libellulidae*.
- miniata* Fraser (*Macromia*), 1924: 450—451, pl. 25 fig. 7. Lectotype ♂. S. Peninsular India, Coorg, Somwarpet, 1.VII.1923, F. C. Fraser. — *Corduliidae*.
- For particulars, see Kimmins, 1966: 204.
- miniata* Lieftinck (subsp. of *Palaia charmosyna* Lieft.), 1949a: 119, fig. 158. Holotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River basin, Araucaria Camp, 800 m, 30.III.1939, L. J. Toxopeus (3rd Archbold Exped.). — *Coenagrionidae*.
- minutus* Belle (*Cyanogomphus*), 1970: 23—27, fig. 25, 42—47, pl. 3b, 4a-b. Holotype ♂ and first described ♀. Surinam, Mooi Wana, Weijne road near Albina, 3.VI.1965, J. Belle. — *Gomphidae*.
- mirifica* Lieftinck (*Archboldargia*), 1949a: 142—145, fig. 139—143, 148, 161, 171. Holotype ♂ and first described ♀. West Central New Guinea, Wissel Lakes group, Enarotali, E.-shore of Lake Paniai, 1740 m, 27.IX.1939 (♂) and Arabu Bivouac, 10 mi. N.E. of Lake Paniai, ca. 1800 m, 22.X.1939 (♀), H. Boschma (Le Roux Exped.). — *Coenagrionidae*. Plate 2.
- Type-species of *Archboldargia* Lieftinck (op. cit.).
- misoolensis* Lieftinck (subsp. of *Neurobasis australis* Selys), 1955a: 161—163, pl. 3 fig. 4. Holotype ♂ and first-described ♀. Misool I. (off W. New Guinea), Wartama River near Fakal, ca. 40 m, 2.X.1948, M. A. Lieftinck. — *Calopterygidae*.
- mnemosyne* Lieftinck (*Macromia*), 1935a: 190—191, fig. 7. Lectotype ♂. W. Borneo, Singkawang, swampy forest near Bakuan, low country, "at dusk", 22.I.1934, L. Coomans de Ruiter. — *Corduliidae*.
- modesta* Belle (*Phyllocycla*), 1970: 70—74, fig. 106—111, pl. 10b, 11a, 12b. Holotype ♂. Surinam, Surinam river (Afobakka), 28.XII.1963, J. Belle. First described ♀, Surinam, Saramacca, right Toekoemoetoe (Tafelberg creek), 6.X.1944, L. Schmidt. — *Gomphidae*.
- moerens* Lieftinck (*Huonia*), 1963c: 772—774, fig. 30—32. Holotype ♂. New Britain (Bismarck Archip.), N.-slope of Nakanai Mts., 150 m, 22.VII.1956, E. J. Ford Jr. — *Libellulidae*.
- moluccana* Lieftinck (*Anaciaeschna*), 1930a: 316—318, fig. 4. Holotype ♂. Buru I. (S. Moluccas), Wai Eno, beginning of IV.1921, L. J. Toxopeus. — *Aeshnidae*.
- moluccana* Lieftinck (*Drepanosticta*), 1938: 82—83. Lectotype ♂ and first described ♀. Buru I. (S. Moluccas), Nal'besi, 26.IV.1921 (♂) and Buru I., Station 2, I.1922 (♀), L. J. Toxopeus. — *Platystictidae*.
- Nom. nov. pro *Drepanosticta auriculata*: Ris (1929: 141—142, ♂ ♀ Buru I.), nec *Platysticta auriculata* Selys, ♂ N.W. New Guinea, a congeneric species.
- moluccana* Lieftinck [subsp. of *Nesoxenia mysis* (Selys)], 1942: 461, 464, (not pl. 24, fig. 13—14!). Lectotype ♂ and first described ♀. Noord Halmahera [H.A.] Bernstein [N. Moluccas, Halmahera I.]; ♀ with additional pin-label "Agr. mysis Selys, ann. Dresden", in de Selys' writing. — *Libellulidae*.

This is a composite taxon, examples from the southern Moluccas and Kei Islands

(figured in the original description) belonging to a different and still undescribed subspecies of *N. mysis* Selys.

monoceros Lieftinck (*Drepanosticta*), 1965a: 185—186, fig. 12—15. Holotype ♂ and first described ♀. E. Borneo, Kutai, Bengen River, Tabang, 125 m, 28.IX.1956 (♂) and 6.X.1956 (♀), A.M.R. Wegner. — Platystictidae.

montaguei Campion (*Synthemis*) 1921 (♂). First described ♀. New Caledonia, N.E.-side, Pouébo, 200—250 m, 19-21.I.1964. R. Straatman. See Lieftinck (1971b: 51—52, fig. 36). — Corduliidae.

monticola Lieftinck (subsp. of *Tramea eurybia* Selys), 1942: 537—538, pl. 38 fig. 124. Holotype ♂ and first described ♀. Central W. New Guinea, Baliem River valley, Baliem Camp, 1600 m, 16.XII.1938 (♂) and 30.XI.1938 (♀), L. J. Toxopeus (3rd Archbold Exped.). — Libellulidae.

Now *Trapezostigma eurybia monticola* (Lieft.).

montivagans Lieftinck (*Anaciaeschna*), 1932c: 251—253, fig. 3. Holotype ♂ and first described ♀. W. Java, G. Gedeh-complex, Puntjak pass, Telaga Saät, 1450 m, III.1930 (♂, bred from larva) and 15.XII.1929 (♀ ad.), M.A. Lieftinck. — Aeshnidae.

mungo Needham (*Cacus*), 1940 (♂). First described ♀. Surinam, upper course of Coropina Creek, near Zanderij I (Airport), 20.I.1957, D. C. Geijskes. See Geijskes, 1964: 37—40, fig. 15—16. — Gomphidae.

Currently known as *Cacoides mungo* (Needham).

murcia Lieftinck (*Idionyx*), 1971b: 6, 12—14, fig. 3—4. Holotype ♂ and first described ♀. Central Sumbawa I. (Lesser Sunda Is.), Semongkat-atas, 21.IV.1961 (♂) and Semongkat, 300 m, 27.IV.1961 (♀), P. Jauffret & R. Pujol, ex coll. A. Heymer. — Corduliidae.

mutans Lieftinck [subsp. of *Nesoxenia mysis* (Selys)], 1942: 462, 465—466, pl. 24 fig. 18, pl. 41 fig. 163. Holotype ♂ and first described ♀. W. New Guinea, MacCluer Gulf, northcoast of Bombarai Peninsula, Babo, 22-23.VIII.1941, E. Lundqvist (Negumij Exped.). — Libellulidae.

Probably a distinct species.

mutata Lieftinck (*Oligoaeschna*), 1940b: 381—383, 384, fig. 18. Holotype ♂. E. Borneo, Kutai, Samarinda, I.1939, native coll., M.E. Walsh ded. First described ♀. E. Borneo, Kutai, Sangkulirang distr., Kariorang, 21.II.1937, J. W. Q. de Quarles. — Aeshnidae.

myzomela Lieftinck (*Palaiargia*), 1957: 51—53, fig. 11—12, pl. 2 fig. 1. Holotype ♀. West Central New Guinea, Wissel Lakes area, Kamo Valley, Ituda, 1500 m, 12.VIII.1955, J. L. Gressitt. — Coenagrionidae.

naias Lieftinck (*Libellago*), 1932a: 4—9. Holotype ♂ and first described ♀. W. Flores I. (Lesser Sunda Is.), Wai Radjang, along small streams, 16-18.XI.1929, J.K. de Jong. — Chlorocyphidae.

neotropica Belle (*Phyllocycla*), 1970: 97—100, fig. 147, 150—153, pl. 13b. Holotype ♂. Surinam, Brownsveg (road near Makambi creek), 11.VI.1961, D. C. Geijskes. — Gomphidae.

nereis Lieftinck [subsp. of *Agrionoptera insignis* (Ramb.)], 1948b: 292—294, fig. 7. Holotype ♂ and first described ♀. Engano I. (off S.W. Sumatra), Meok, 24.V.1936, J. K. de Jong et al. — Libellulidae.

nereis Lieftinck [subsp. of *Coeliccia membranipes* (Ramb.)], 1948b: 287—288, fig.

3—4. Holotype ♂ and first described ♀. Engano I. (off S. W. Sumatra), Kiojoh, 2.VI.1936 (♂) and 14.VI.1936 (♀), J. K. de Jong et al. — Platynemididae.

[*nigra* Selys in Selys & Hagen [*Sapho* (mnais)], 1854: 65. Holotype ♂. "Japon"; destroyed (not in ML). — Calopterygidae.

An enigmatic specimen of unknown identity, figuring under the above names, though classified in a note sub *Mnais strigata* Hagen.]

nigra Foerster in Laidlaw (var. of *Disparoneura verticalis humeralis* Selys), 1907: 12—13. Lectotype ♂. Malay Peninsula, labelled by Förster: Camp Jor, Wasserscheide Pahang-Perak, 2000 Fuss, Albert Grubauer/*Disparoneura verticalis* Rasse humeralis Selys var. *nigra* F.; and: figured by C. H. Kennedy Aug.—Sept. 1924 (print). — Protoneuridae.

A synonym of *Prodasineura verticalis* (Selys).

nigriventris Lieftinck (*Idiocnemis*), 1937a: 8—9, fig. 2. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, XI—XII.1931 (♂) and I.1932 (♀), W. Stüber. — Platynemididae.

nigrofasciata Lieftinck (*Notoneura*), 1932b: 523, 537—538, fig. 32—34. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, 40 km S., 300 m, XI—XII.1931, W. Stüber. — Protoneuridae.

nigrofasciatum Lieftinck (*Pseudagrion*), 1934a: 6—8, fig. 1—2. Lectotype ♂. Java Orient., Hekm[eijer] (written label). — Coenagrionidae.

nubecula Lieftinck (*Rhinocypha*), 1948a: 266—270, fig. 16. Lectotype ♂ and first described ♀. N. Sumatra, Atjeh, Laut Tawar (Lake Takingeun), north shore, 1210 m, 19.VII.1941, F. C. van Wagensveld. — Chlorocyphidae.

nymphaeae Lieftinck (*Aethriamanta*), 1949a: 233—234, fig. 287. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Lake Sentani, W. of Hollandia, waterlily ponds, 13.I.1933 (♂) and 18.I.1933 (♀), W. Stüber. — Libellulidae.

obiensis Lieftinck (*Argiolestes*), 1956b: 66, 75—77, fig. 3—4. Holotype ♂ and first described ♀. Obi I. (N. Moluccas), N.W. Obi, Obi lake, kali Telaga, 100—160 m, 6.VIII.1953, A. M. R. Wegner et al. — Megapodagrionidae.

obiensis Lieftinck (*Palaiargia*), 1957: 53—54, fig. 13. Holotype ♂ (immature). Obi I. (N. Moluccas), N.W. coast, Laiwui, 1.X.1953, A. M. R. Wegner et al. — Coenagrionidae.

obliterata Lieftinck (*Idiocnemis*), 1932b: 499—501, fig. 5. Lectotype ♂ and first described ♀, N. New Guinea, Humboldt Bay area, Hollandia, IX.1930, W. Stüber. — Platynemididae.

obscura Fraser (*Neurothemis*), 1926: 472. Lectotype ♂. Karimondjawa Is. (Java Sea), X.1920, H. C. Delsman. — Libellulidae.

Currently placed as a subspecies of *Neurothemis terminata* Ris.

obscurum Lieftinck [subsp. of *Pseudagrion pilidorsum* (Brauer)], 1936a: 128, 131—132, fig. 12. Lectotype ♂. Nias I., Amadraja, 10.IX.1931, J. C. van der Meer Mohr. — Coenagrionidae.

obtusum Albarda (*Zyxomma*), 1881: 1, pl. 1 fig. 1—2. Lectotype ♂ and first described ♀. Central Sumatra, labelled: "Soepayang, 24/4 77" (♂) and "tot 24/4 77" (♀) Sumatra Exp., both labelled: *Zyxomma obtusum* Hag., in H. Albarda's writing, ex coll. H. Albarda. — Libellulidae.

oceanis Lieftinck (subsp. of *Rhinocypha angusta* Selys), 1947: 220—224, fig. 4—5,

- pl. 2 fig. 3. Holotype ♂ and first described ♀. Engano I. (off S.W. Sumatra), Buah-buah, ult. V—VII.1936, J. K. de Jong et al. — Chlorocyphidae.
- oceanis* Lieftinck [subsp. of *Neurothemis ramburi* (Brauer)], 1948b: 297—298. Holotype ♂ and first described ♀. Engano I. (off S.W. Sumatra), Buah-buah, 5.VI.1936, J. K. de Jong et al. — Libellulidae.
- olthofi* Lieftinck (*Teinobasis*), 1949a: 169—171, fig. 218. Holotype ♂. N. Central New Guinea, Idenburg River, Bernhard Camp, 50 m, 12.IV.1939, J. Olthof. — Coenagrionidae.
- olympica* Lieftinck (*Hemicordulia*), 1942: 549—555, pl. 36 fig. 114—115, pl. 37 fig. 116—117. Holotype ♂ and first described ♀. Central N. New Guinea, Snow Mountain (Nassau) Range, Lake Habbema, 3225 m, 21.VIII.1938, L. J. Toxopeus (3rd Archbold Exped.). — Corduliidae.
- oppositum* Lieftinck (*Papuagrion*), 1949a: 146—148, fig. 190, 206. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, southern Bewani Hills, 300 m, Parfi, 20.VI.1939, W. Stüber. — Coenagrionidae.
- optata* Hagen *in* Selys (*Argia*), 1865: 390 (18 sep.). Holotype ♂. Obi I. (N. Moluccas), labelled "Ins. Obi, Bernstein" and "Optata Hag." in H. A. Hagen's handwriting. — Coenagrionidae.
- First described ♀. Obi I., northwest coast, Laiwui, 18.X.1953, A. M. R. Wegner (see Lieftinck, 1957: 58—59).
- Now *Palaiargia optata* (Hagen *in* Selys).
- oreadam* Lieftinck (*Oreagrion*), 1949a: 206—211, fig. 249—251, 260—263, 264—266, 269—270. Holotype ♂ and first described ♀. Central W. New Guinea, Snow Mountains (Nassau) Range, Lake Habbema, 3250 m, 1.VIII.1938, L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae. Plate 3.
- oreophila* Lieftinck (*Huonia*), 1935c: 271, 274—277, fig. 33 (not 35), 36B, 37. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, southern Cycloop Mts., 1000—1200 m, VIII.1932, W. Stüber. — Libellulidae.
- othello* Lieftinck (*Agyrtacantha*), 1942: 571—572, pl. 38 fig. 129—131. Holotype ♀. Central N. New Guinea, Idenburg River, Bernhard Camp, 50 m, 13.IV.1939, L. J. Toxopeus (3rd Archbold Exped.). — Aeshnidae.
- palawana* Lieftinck (*Coeliccia*), 1940b: 358—359, fig. 13. Holotype ♂. Philippine Is.: Palawan I., Alfonso XIII, 6.III.1935, K. Kuwasima. — Platycnemididae.
- palawana* Lieftinck [subsp. of *Copera vittata* (Selys)], 1940c: 290, 303—304, fig. 1e, pl. 10 fig. 20—22, pl. 11 fig. 8, pl. 12 fig. 9, pl. 13 fig. 7, pl. 14 fig. 7. Holotype ♂ and first described ♀. Philippine Is.: Palawan I., Alfonso XIII, 6.V.1935, K. Kuwasima. — Platycnemididae.
- pallidifrons* Ris (*Rhinocypha*), 1927: 9—10, fig. 3. Holotype ♀. W. Central Sumatra, Padang Highlands, Ophir distr., Tanangtalu, 1000 m, V.1915, E. Jacobson. Ex SMF no. 1389. — Chlorocyphidae.
- pan* Laidlaw (*Drepanosticta*), 1931 (♂). First described ♀ (juv.). Malay Peninsula, Perak, Cameron's Highlands, Jor River, 600 m, 13.III.1963, M. A. Lieftinck. See Lieftinck, 1965a: 174—176 (♂ ♀). — Platystictidae.
- pandanicola* Lieftinck (*Amphicnemis*), 1953f: 388—392, fig. 2. Holotype ♂ and first described ♀. S. Borneo, Sampit distr., 0—50 m, near Sampit, about 50 km inland, 20.VII.1953, M. A. Lieftinck. — Coenagrionidae.

- pandaniculum** Lieftinck (**Papuagrion**), 1949a: 153—155, fig. 188—189, 195. Holotype ♂ and first described ♀. Central W. New Guinea, Snow Mountain (Nassau) Range, Moss-forest N. of Lake Habbema, 2700 m, 23.VIII.1938 (♂) and 2850 m, 28.VIII.1938 (♀), L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae.
- panybeus** Hagen (*Anax*), 1867 (♂). First described ♀. N. Celebes, Tondano, VII.1933, C. van Braekel. See Lieftinck, 1942: 597—599. — Aeshnidae.
- papuensis** Lieftinck [subsp. of *Neurothemis ramburi* (Brauer)], 1942: 482—484. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, S. Cycloop Mts., near Lake Sentani, 150 m, 18.IV.1939, J. Olthof (♂), and Hollandia, III.1931, W. Stüber (♀). — Libellulidae.
- papuensis** Lieftinck (subsp. of *Tetrathemis irregularis* Brauer), 1942: 451—453, pl. 23 fig. 7, 11. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, XI—XII.1930 (♂) and IV—VI.1931 (♀), W. Stüber. — Libellulidae.
- paruensis** Geijskes (*Micrathyria*), 1963: 74—78, fig. 16. Holotype ♂ and first described ♀. N. Brazil, affluent creek of Upper Paru River, near Apisiké, 19.IV.1952 (♂) and 20.IV.1952 (♀), D. C. Geijskes. — Libellulidae.
- pasiphae** Lieftinck (*Gynacantha*), 1948c: 420—421, 424, 426—427, fig. 1. Holotype ♂. N. Halmahera I. (N. Moluccas), labelled “Halmahera [VII—VIII.1861, H. A.] Bernstein”, and “*Gynacantha Maclachlani* ♂” in R. Martin’s handwriting. First described ♀. N. Halmahera I., Tobelo, VI—VII. 1931, M. J. van Diejen. — Aeshnidae.
- pavo** Lieftinck (subsp. of *Neurobasis kaupi* Brauer), 1955a: 158—160, pl. 3 fig. 2. Holotype ♂ and first described ♀. S. Celebes, Mt. Lompobatanig (Pic of Bonthain), Borong Rapoa, 700 m, 21.VIII.1949, A. Diakonoff. — Calopterygidae.
- pectitus** Lieftinck (*Argiolestes*), 1949a: 53—54, fig. 28, 37; 110—116, fig. 47, 53—63. Holotype ♂ and first described ♀. Central N. New Guinea, Idenburg River basin, Bivouac 8 km S.W. of Bernhard Camp, 1150 m, 6.I.1939 (♂), and Rattan Camp, 1150 m, 9.II.1939 (♀), L. J. Toxopeus et al. (3rd Archbold Exped.). — Megapodagrionidae.
- pelecotomum** Lieftinck (*Pseudagrion*), 1932b: 567, 577—578, fig. 57, 59. Lectotype ♂. N. New Guinea, Humboldt Bay area, Lake Sentani, I—II.1931, W. Stüber. First recorded ♀. N. Central New Guinea, Idenburg River, Bernhard Camp, 50 m, 12—18.X.1938, J. Olthof (♂ ♀ in cop.). See Lieftinck, 1949a. — Coenagrionidae.
- penelope** Ris (*Gynacantha*), 1915b (♂). First described ♀. Central Celebes, Luwu distr., Palopo, 15.III.1941, “at house a.m.”, L. L. A. Maurenbrecher. See Lieftinck, 1948c: 418—419. — Aeshnidae.
- perameles** Lieftinck (**Papuagrion**), 1949a: 159—160, fig. 201. Holotype ♀. S. New Guinea, Lorentz River, Sabang, 5.VII.1907 (Zuid N. Guinea Exped.), determined by H. W. van der Weele as *Argiolestes* spec. — Coenagrionidae.
- First described by Lieftinck (1935c: 247) sub *P. magnanimum* (Selys), but later recognized as a distinct species.
- perfuscatum** Lieftinck (*Pseudagrion*), 1937b: 94—97, fig. 21. Holotype ♂ and first described ♀. W. Borneo, Singkawang, Bengkajang, 5—16.XI.1931, L. Coomans de Ruiter. — Coenagrionidae.

perimecosoma Lieftinck (*Palaiargia*), 1957: 44—50, fig. 1—2, 4—10 & pl. 3 fig. 1. Holotype ♂ and first described ♀. Halmahera I. (N. Moluccas), central Halmahera, Mumar River, 200—300 m, 25.IX.1951, Sundanese collectors. — Coenagrionidae.

perplexus Lieftinck (subsp. of *Onychogomphus geometricus* Selys), 1935b: 20—21, fig. 2. Holotype ♂ (ex alcohol). N.E. Sumatra, Eastcoast prov., Deli, labelled "Sumatra S.O.K. Medan, 20 m, 1917, J. B. Corporaal". — Gomphidae.

The specimen now lacks its terminal abdominal segments.

persephone Lieftinck (*Diplacina*), 1933d: 42, 47—49, fig. 28. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, IV—VI.1931 (♂), and same area, Nettar, XII.1932 (♀), W. Stüber. — Libellulidae.

pertinax Lieftinck (*Lestes*), 1932b: 493—495, fig. 1. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Hollandia, III.1931, W. Stüber. — Lestidae.

pesechem Lieftinck (*Papuagrion*), 1949a: 151—152, fig. 178—181, 193. Holotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River Valley, Sigi Camp, 1350 m, 19.II.1939, L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae.

Now *P. pesechem pesechem* Lieft.

phaeomeria Lieftinck (*Gynacantha*), 1960a: 253—254, fig. 13a, b. Holotype ♂. Thailand-Tenasserim frontier area, Kwae Noi River valley, S. of Three Pagodas Pass, Niki, 150 m, 30.V.1946, J. E. Jonkers. — Aeshnidae.

phaeoneura Lieftinck (*Tramea*), 1953e: 268—269. Holotype ♂ and first described ♀. N. Borneo, Dent Province, Mt. Marapok, collector G. (printed label). The more precise locality is the one given for *Linaeschna polli* Martin, on. p. 107 of this paper. — Libellulidae.

Now *Trapezostigma phaeoneura* (Lieftinck).

phalantus Lieftinck (*Macrogomphus*), 1935a: 201—203, fig. 10—12. Holotype ♂ and first described ♀. W. Borneo, Singkawang, swampy forest near Bakuan, low country, 15.IX.1932, L. Coomans de Ruiter. — Gomphidae.

phantasma Lieftinck (*Rhinocypha*), 1935a: 175—176. Lectotype ♂ and first described ♀. Buton I. (off S.E. Celebes), Dwaalbaai, 19.I.1917, native coll., ex coll. J. Lindemans & D. C. Geijskes. — Chlorocyphidae.

phasma Lieftinck (*Selysioneura*), 1932b: 542, 547—549, fig. 42—43. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Cycloop Mts., ca. 500 m, IV—VI.1931, W. Stüber. — Isostictidae.

philippa Ris (*Idionyx*), 1912c (♀ Mindoro). First described ♂. Philippine Is., Mindanao I., Misamis Or., Bal-ason, 2.IV.1960, H. Torre Villas; and ♂ ♀, Leyte I., S. Leyte, Anahawan, Mainit Spring, 31.V.1970, C. Plateros. See Lieftinck (1971b: 7—11, fig. 1—2). — Corduliidae.

phoenicura Ris (*Planiplax*), 1912b (♂). First described ♀. Surinam, Paramaribo, pond on shell ridge of Charlesburg, 6.VI.1957 (♂ ♀), J. Belle. See Geijskes, 1964: 41—42, fig. 20. — Libellulidae.

phoenissa Ris (*Caconeura*), 1929: 143—144, fig. 2. Holotype ♂ (indicated as Type by Ris). Buru I. (S. Moluccas), Nal'Besi, 26.IV.1921, L. J. Toxopeus. — Proto-neuridae.

Currently placed in *Notoneura* Tillyard.

- phryne* Lieftinck (subsp. of *Diplacina phoebe* Ris), 1953d: 158, 182, fig. 9. Holotype ♂. Ambon I. (S. Moluccas), 27.VII.1948, M. A. Lieftinck. First described ♀. Ambon I., Sungei Waitumu, ca. 30 m, 23.IV.1941, Sundanese collector. — Libellulidae.
- pijpersi* Belle (*Progomphus*), 1966a: 11—14, fig. 23—28. Holotype ♂ (in fragments) and first described ♀. Surinam, Wilhelmina Mountain Range (Camp 3), 5.VIII.1963, H. Pijpers. — Gomphidae.
- plagiatus* Lieftinck (*Burmagomphus*), 1964b: 16, 29—33, fig. 36—41. Holotype ♂. Malay Peninsula, Johore Bahru, Kp. Tinggi Mawai Rd., Sungai Mupor, 17.IV.1963, J. I. Furtado. Immature ♀, from same loc. and date, M. A. Lieftinck. — Gomphidae.
- plagioxantha* Lieftinck (*Notoneura*), 1932b: 523, 527, 538—540, fig. 35—37. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, III.1931, W. Stüber. — Protoneuridae.
- platystyla* Lieftinck (*Amphicnemis*), 1953e: 246—247, fig. 6a—b. Holotype ♂. S.E. Borneo, Kandangan distr., Ampah, 0—20 m, 29.IV.1948, Liem Swie Liong. — Coenagrionidae.
- platyura* Lieftinck (*Oligoaeschna*), 1940b: 378—380, 383, fig. 16—17. Holotype ♂ and first described ♀. E. Borneo, N. Kutai, Sangkulirang distr., Pelawan Besar, V.1937 (♂) and Batau Besi, V.1937 (♀), M. E. Walsh. — Aeshnidae.
- podolestoides* Laidlaw (*Devadatta*), 1934: 101—103, fig. 1. Holotype ♂ and first described ♀. W. Borneo, Singkawang, Gunung Poteng, 550 m, 21.VIII.1932, L. Coomans de Ruiter. — Amphipterygidae.
- Now *D. podolestoides podolestoides* Laidlaw.
- polli* Martin (*Linaeschna*), 1909a: 136—137, fig. 133—134, pl. III fig. 9. Holotype ♂. [N.W. Borneo, Sabah-Sarawak boundary, Brunei Bay area], with printed label "N. Borneo, Dent Province, Mt. Marapok, coll. G.", and labelled by R. Martin "Linaeschna Polli m.", and "Type unique". — Aeshnidae.
- Type-species of *Linaeschna* Martin (op. cit.).
- pollux* Lieftinck (*Onychogomphus*), 1941b: 247—253, pl. 13 fig. 7, pl. 14 fig. 4—6, pl. 15 fig. 1—4. Holotype ♂. S. Sumatra, Lampong distr., Wai Tebu (river) near Talang Padang, ca. 400 m, 29.III.1940, M. A. Lieftinck. — Gomphidae.
- polyhymnia* Lieftinck (*Macromia*), 1929a: 66, 97—99, fig. 18a-c. Holotype ♂. N. W. Sumatra, Padangsche Bovenlanden [Padang Highlands], Fort de Kock, 920 m, VIII.1924, E. Jacobson. — Corduliidae.
- pontica* Selys (race of *Libellula fulva* Muell.), 1887: 12. Lectotype ♂ and first described ♀. Iran, both labelled "Mesopotamia Malatia", and on the reverse side "L. fulva ras australis" (♂) and "L. fulva Mull. v. pontica ♀" (♀) in H. Albarda's writing, coll. Albarda acq. 1892 (print). — Libellulidae.
- praecellens* Lieftinck (*Lestes*), 1937b: 59—62, fig. 2—3. Holotype ♂ and first described ♀. S. Java, Tjidamar near Tjidaun, ca. 100 m, forest pool near Sempur-tjondong, 5.XI.1935, M. Bartels Jr. — Lestidae.
- praetermissum* Lieftinck (*Ceriagrion*), 1929b: 115—117, fig. 9. Holotype ♂ and first described ♀. Java, M. C. Piepers. — Coenagrionidae.
- See *Asahina* (1967: 308—310, fig. 189—195).
- praevia* St. Quentin (*Gomphoides*), 1967 (♂). First described ♀. Brazil, Santa Catarina

(Nova Teutonia), 12.II.1949, coll. unknown. See Belle, 1970: 124—126, fig. 199, 200. — Gomphidae.

praeivus Lieftinck (*Lestes*), 1940b: 344—347, fig. 3. Holotype ♂ and first described ♀. E. Borneo, N. Kutai, Sangkulirang distr., Maluwi, IV.1937, M. E. Walsh. — Lestidae.

propinqua Lieftinck (subsp. of *Tramea euryale* Selys), 1942: 539—541, pl. 33 fig. 90—91, pl. 34 fig. 98. Holotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, near Lake Sentani, 300 m, II.1933, W. Stüber. — Libellulidae.

Currently classified as a subspecies of *Trapezostigma transmarina* (Brauer).

prothoracale Lieftinck (*Papuagrion*), 1935c: 238, 242—245, fig. 16—18. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Agaffo, near Lake Sentani, sago forest swamp, 27.XII.1932, W. Stüber. — Coenagrionidae.

prothoracica Selys (*Telebasis*), 1877 (♂). First described ♀. "Waigeo Bernstein" (print) [Waigeu I., off N. W. New Guinea, III-V.1863]. See Lieftinck, 1938: 116—117. — Coenagrionidae.

Now *Teinobasis prothoracica* (Selys).

pruinescens Lieftinck (*Idiocnemis*), 1949a: 96—100, fig. 105, 134. Holotype ♂ and allotype ♀ (in cop.). Papua [S.E. New Guinea], Central Prov., Haveri, 700 m, 13.VIII.1893, Lamberto Loria. Ex Museo Civico di Stor. Nat., Genova. — Platynemididae.

pruinosa Selys (*Mnais*), 1853: 20—21. Lectotype ♂ (adult). With printed label "v. Siebold, Japan", a green museum-label "cotype", and a white museum's identification label "Mnais pruinosa Sel., det. Selys". With additional label in Dr. S. Asahina's writing: "Mnais strigata ♂ f. pruinosa Selys, det. Asahina 1968. This is one of the original series of pruinosa". — Calopterygidae.

Type-species of *Mnais* Selys.

puella Lieftinck (*Brachygonia*), 1937b: 105—107, fig. 25. Holotype ♂ and first described ♀. W. Billiton I., Seru, 2.IV.1936, F. J. Kuiper. — Libellulidae.

pugnax Lieftinck (*Anax*), 1942: 583, 587, 604—606, pl. 38 fig. 134, pl. 39 fig. 138, 141, pl. 41 fig. 156. Holotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River basin, Araucaria Camp, 800 m, 21.VIII.1939 (♂) and 24.III.1939 (♀), L. J. Toxopeus (3rd Archbold Exped.). — Aeshnidae.

[*pulverulans* Selys (Race? de *Agriocnemis incisa* Hagen) [= *A. femina* (Brauer)], 1877: 150—151. Lectotype ♂, destroyed. "Célèbes. Mus. de Leyde et coll. Selys". Not in coll. Selys (IRSN). — Coenagrionidae.

Currently considered synonymous with *A. femina* (Brauer), but probably subspecifically distinct.].

punctata Selys (*Petalia*), 1854 (♂). First described ♀. Chili, "Felder Chile" (written, white disk), and two drawer labels "Puncta Hagen" and "Petalia Hagen"; with additional red Allotype label by M. A. L. — Neopetaliidae. Plate 7.

See de Selys, 1869b: 204.

Now *Neopetalia punctata* (Selys).

Type-species of *Petalia* Selys (op. cit., nom. praeocc.).

pusilla Lieftinck (subsp. of *Rhinocypha pagenstecheri* Foerster), 1953c: 136—137. Holotype ♂, Damar I. (Lesser Sunda Is.), labelled „Insel Dammer", collector unknown, ex coll. F. Förster. — Chlorocyphidae.

pyroprocta Lieftinck (*Notoneura*), 1960b: 122—126, fig. 7—12. Holotype ♂ and

first described ♀. Misool I. (off W. New Guinea), environs of Fakal, 0—50 m, 30.IX.1948, M. A. Lieftinck. — Protoneuridae.

quadristigma Lieftinck (*Prodasineura*), 1951a: 80—83, fig. 3, 4, 7, 8, 14—16. Holotype ♂ and first described ♀. S. E. Borneo, Kandangan distr., Ampah, 0—20 m, IV-V.1948, Liem Swie Liong. — Protoneuridae.

raineyi Williamson (*Telagrion*), 1915 (♂). First described ♀. Trinidad, Brasso, 8.II.1932, G. Belmontes. See Geijskes, 1932: 248—249. — Coenagrionidae.

ranatra Lieftinck (*Selysioneura*), 1949a: 78—80, fig. 82—83. Holotype ♂ and first described ♀. Central W. New Guinea, Sahuweri River valley, Araucaria Camp, 800 m, 2.IV.1939 (♂) and 2.III.1939 (♀), L. J. Toxopeus & J. Olthof (3rd Archbold Exped.). — Isostictidae.

ranauense Schmidt [subsp. of *Pseudagrion pruinosum* (Burm.)], 1934: 347—348, fig. 47b (♂ ♀ Sumatra). Lectotype ♂. S. W. Sumatra, Benkulen, Lake Ranau, I.1929 (Deutsch. limnol. Sunda-Exped. 1928—29). — Coenagrionidae.

Selected by E. Schmidt and in 1935 presented to author. A syntype ♂ is in the Brit. Mus. (N.H.) collection, see Kimmins, 1970: 191.

rangifera Lieftinck (*Notoneura*), 1949a: 70—71, fig. 77—79, 91—92. Holotype ♂ and allotype ♀ (in cop.). S. New Guinea, Digul River territ., Ederat near Aja Maru, II.1939, J. M. van Ravenswaay Claasen. — Protoneuridae.

rangifera Lieftinck (*Selysioneura*), 1959a: 290—291, 294, fig. 6, 25—27. Holotype ♂. Normanby I. (d'Entrecasteaux Archip.), Mt. Pabinama, 3 mi. E.N.E. of Cape Prevost, 820 m, 4.V.1956, L. J. Brass (5th Archbold Exped.). — Isostictidae.

rappardi Lieftinck (*Onychogomphus*), 1937b: 110—113, fig. 27—28. Holotype ♂. S. W. Sumatra, Benkulen prov., Redjang distr., Pagar Gunung, 550 m, "open stream", 12.XII.1936, F. W. Rappard. — Gomphidae.

raymondi Lieftinck (*Phyllothemis*), 1950a: 643—645, fig. 7—9. Holotype ♂. N. E. Sumatra, Deli, Serbalawan, Dolok Ilir Estate, 200 m, 17.V.1948, R. Straatman. — Libellulidae.

rectangulare Lieftinck (*Papuagrion*), 1937a: 27, 31—33, fig. 21. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, southern slope of Mt. Cycloop, 1000 m, 23.IX.1934 (♂) and 17-23.IX.1935 (♀), W. Stüber. — Coenagrionidae.

resecta Lieftinck (*Coeliccia*), 1953e: 236—239, fig. 3. Holotype ♂. S.E. Borneo, Kutai, Balikpapan, Sungai Mentawir, sea-level, 6.X.1950, A. M. R. Wegner. — Platycnemididae.

reticulata Fraser (*Gynacantha*), 1926: 478—479. Holotype ♂. Kei Is., labelled "Kei Eiland, Gg. Daab, no. 142, 14.IV.1922, H. C. Siebers", with Fraser's identification and "Type" written on envelope. — Aeshnidae.

Syn. of *Agyrtacantha dirupta* (Karsch), see Lieftinck, 1930b: 166.

retrograda Lieftinck (subsp. of *Rhinocypha tincta* Rambur), 1938: 49—66, fig. 1, 4B-D, I, 5D. Holotype ♂ and first described ♀. W. New Guinea, Berau Peninsula (Vogelkop), N.E. coast, Manokwari, 23.V.1903 (♂) and 5.VIII.1903 (♀) (Nieuw Guinea Exped.), ♂ "R. tincta Rb.", det. R. Martin 1907, ♀ "R. tincta Rb.", det. H. W. van der Weele. — Chlorocyphidae.

rhapsia Lieftinck (*Selysioneura*), 1959a: 288—290, 293, fig. 2, 22—24. Holotype ♂. Normanby I. (d'Entrecasteaux Archip.), Mt. Pabinama, 3 mi. E.N.E. of Cape

Prevost, 820 m, 10.V.1956, L. J. Brass (5th Archbold Exped.). — Isostictidae. Plate 1.

reophila Lieftinck (*Huonia*), 1935c: 271—274, fig. 34—35 (not 33!), 36A. Lectotype ♂ and first described ♀. N. Halmahera I. (N. Moluccas), Tobelo, VII-VIII. 1931, M. J. van Diejen. — Libellulidae.

rhodosoma Lieftinck (*Ischnura*), 1959b: 220—222, fig. 1, 4. Holotype ♂. W. New Guinea, Berau Peninsula (Vogelkop), Arfak Mts., Anggi Gita (lake), ca. 1800 m, 15-25.X.1948, A. J. Kostermans. — Coenagrionidae. Plate 2.

richardi Lieftinck (*Lanthanusa*), 1942: 494—497, pl. 27 fig. 40—41, 44. Holotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River valley, Mist Camp, 1800 m, 14.I.1939 (♂) and 9.I.1939 (♀), L. J. Toxopeus (3rd Archbold Exped.). — Libellulidae.

[*risi* van der Weele (*Lestes*), 1909: 23—24, fig. 1—2. Holotype (presumably lost; see Lieftinck, 1960c: 151—154, pl. & fig., with full information). First described ♀ (immature), S. New Guinea, labelled "Merauke" (pencil), "*Lestes* ♀ nova spec.!" (red ink, F. Ris' handwriting), "*Lestes risi* Weele, type" (H. W. van der Weele's writing). — Lestidae.

The lost (and unique) ♂ is here considered to be the holotype, as it would seem unwise to designate the ♀ as the lectotype of *L. risi* Weele.

Currently placed in the subgenus *Indolestes* Fraser, which has priority over *Tricholestes* Fraser, 1951 (nom. praeocc.) and *Esaulestes* Fraser, 1957, two generic names proposed subsequently for this aberrant species; see, however, Lieftinck, 1960c (op. cit.).

robusta Fraser (*Drepanosticta*), 1926: 491—492. Lectotype ♀. Kei Islands, Gn. Daab, 1922, no. 149, H. C. Siebers, "*Drepanosticta robusta* ♀ Type", in Fraser's writing. One very immature ♂, same locality, no. 89, "*Drepanosticta robusta* sp.n.", also in Fraser's hand, but with additional red label "Cotype". — Platystictidae.

rosenbergi Brauer (*Tramea*), 1866 (♂). First described ♀. Sula Is. (S. Moluccas), Sula Mangole, Lampau, sea-level, IX.1939, S. Bloembergen. See Lieftinck, 1942: 523—524, 531—532, pl. 34 fig. 100. — Libellulidae.

Now *Trapezostigma rosenbergi* (Brauer).

rufipedum Lieftinck (*Papuagrion*), 1937a: 26, 35—37, fig. 23—24. Holotype ♂. N. New Guinea, Humboldt Bay area, southern slope of Mt. Cycloop, 1000 m, 19.IX.1935, W. Stüber. — Coenagrionidae.

rufithorax Selys (*Telebasis*), 1877: 122—123. Lectotype ♂ and first described ♀. Obi I. (N. Moluccas), labelled "Bernstein ins. Obi" (written, white disk), ♀ with additional white label "3 Hagen" (written), under drawer label *Telebasis rufithorax* Selys. Selected by Lieftinck, 1947. — Coenagrionidae.

Currently placed in *Teinobasis*.

rufostigma Selys (*Platysticta*), 1886b (♂). First described ♀. W. Borneo, env. of Singkawang, forest-brook near Andjungan, Mampawa Rd., 19.III.1932, L. Coomans de Ruiter. See Lieftinck, 1933a: 295—296 (♂ ♀). — Platystictidae.

Now *Drepanosticta rufostigma* (Selys).

sagitta Lieftinck (subsp. of *Rhinocypha tinctoria* Ramb.), 1938: 66—67, fig. 1, 4 E-H, Q. Holotype ♂ and first described ♀. W. New Guinea, Berau Peninsula (Vogelkop, southern interior), Vengatap near Aja Maru, 500 m, XII.1937 (♂) and id., Jenau, 350 m, XII.1937 (♀), J. M. van Ravenswaay Claassen. — Chlorocyphidae.

sagittiferum Lieftinck (*Aciagrion*), 1949a: 200—201, fig. 243. Lectotype ♂. Tanimbar (Timorlaut) Is., Jamdena I., IV.1938, P. Buwalda. — *Coenagrionidae*. Plate 2.
First described ♀. E. Sumba (Lesser Sunda Is.), Rende Wai, 100 m, 14.VI.1949 (Sumba Exped. 1949, NMB, XII B 39).

Type-species of *Austroallagma* Lieftinck, 1953c: 157—163, fig.

salomonis Lieftinck (*Agriocnemis*), 1949b: 349—352, fig. 9. Lectotype ♂. Solomon Is., Ganonga I. (south of Vella Lavella I.), Koreovuka, 2.X.1936, R. A. Lever. — *Coenagrionidae*.

saltator Lieftinck (*Argiolestes*), 1956b: 65, 105—106, fig. 42—43. Holotype ♂. Papua, Maneau Range, N. slopes of Mt. Dayman, 1550 m, 9.VII.1953, G. M. Tate (4th Archbold Exped.). — *Megapodagrionidae*.

saltuarius Lieftinck (*Argiolestes*), 1956b: 71, 101—102, fig. 37—38. Holotype ♂. Papua, Port Moresby, 40 km inland, hill forest, Rona Falls, 275 m, 17.II.1936, coll. unknown. — *Megapodagrionidae*.

salva Ris (*Lyriothemis*), 1927: 37—38, fig. 24. Holotype ♂. Central Sumatra, Kerintji, Pantjuran Gading (Barisan Range), 1000 m, IX.1915, Edw. Jacobsen. Ex SMF no. 17628. — *Libellulidae*.

schmidtianum Lieftinck (*Pseudagrion*), 1936a: 122—124, 127, fig. 8—10. Lectotype ♂. S. Timor I., Amarasi, XII.1931-I.1932, Ed. Handschin. — *Coenagrionidae*.

scintillans Lieftinck (*Teinobasis*), 1932b: 580—582, fig. 61. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, XI-XII.1930 (♂) and VI-VII.1930 (♀), W. Stüber. — *Coenagrionidae*.

selysi Foerster (*Argiolestes*), 1899a (♂). First described ♀. N. New Guinea, Humboldt Bay area, Cycloop Mts., 1000 m, VI-X.1932, W. Stüber. See Lieftinck, 1935c: 208—211. — *Megapodagrionidae*.

Now *Podopteryx selysi* (Foerster).

[*semitincta* Selys (*Rhinocypha*), 1869a: 664—665 (20—21 sep.). The original specimens from "Gilolo" (Halmahera I., N. Moluccas) in the Leiden museum are no more in existence. Females examined by Hagen and de Selys are still represented in that collection from S. Halmahera, Batjan I. and Morotai I., leg. Bernstein. — *Chlorocyphidae*.]

Specimens of either sex, labelled by de Selys himself and originating from Elbor, Gilolo and Batjan (N. Moluccas), are in de Selys' collection (IRSN), so that any selection of a lectotype should, I think, be made from one of these. See also Lieftinck, 1938: 59—63, fig.

Currently placed as a subspecies of *R. tincta* Rambur.

serena Lieftinck (*Teinobasis*), 1932b: 582—585, fig. 62. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, XI-XII.1930, W. Stüber. — *Coenagrionidae*.

Now *T. serena serena* Lieft. (1949a).

sericea Selys (*Cordulia*), 1871 (♂). First described ♀. Surinam, Coppename River near Kroetoe Mt., bush creek, 23.XI.1943, D. C. Geijskes. See Geijskes, 1970: 16—18, fig. 3—4. — *Corduliidae*.

Now *Paracordulia sericea* (Selys).

siebersi Fraser (*Drepanosticta*), 1926: 490—491, fig. 6a. Holotype ♂ and "allotype ♀" (mutilated and in poor condition). E. Java, Mts. Tengger, 5000 ft., without

further particulars. Identification in F. C. Fraser's handwriting. — Platystictidae.

Bona species.

sieboldi Selys (*Cordulegaster*), 1854: 107. Lectotype ♀ (in fragments: most of thorax and abdomen missing). Japan, labelled "Burger, Japan" (written, white disk), under drawer label "*Sieboldii* Selys" (written). Since de Selys stated "Japon, Leide et Coll. Selys", this example was selected lectotype by M.A.L. in 1958. — *Cordulegasteridae*.

Currently known as *Anotogaster sieboldi* (Selys).

silaceum Lieftinck (*Pseudagrion*), 1932b: 568—570, fig. 54. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, IX.1930 (♂) and III.1931 (♀), W. Stüber. — *Coenagrionidae*.

silvarum Lieftinck (*Orthetrum*), 1934c: 267—269, fig. 3. Lectotype ♂. W. Java, Mt. Pangrango-Gedeh, forest above Tjisarua Est., 1300 m, 17.VII.1932, M. A. Lieftinck. — *Libellulidae*. Plate 6.

silvicola Lieftinck (*Notoneura*), 1949a: 72, fig. 71—73, 93. Holotype ♂. S.W. New Guinea, Etna Bay, sea-level, 24.XI.1939, H. Boschma (Le Roux Exped.). — *Protoneuridae*.

silvicola Lieftinck (*Huonia*), 1942: 489—492, fig. 1. Holotype ♂. W. New Guinea, Berau Peninsula (Vogelkop), Sungai Anakasi (westcoast of the "neck" of Vogelkop, 14.V.1941, E. Lundqvist (Negumij Exped.). — *Libellulidae*.

First described ♀. Misool I. (off W. New Guinea), Fakal, ca. 150 m, 5.X.1948, M. A. Lieftinck. See Lieftinck, 1953d: 192, fig. 11.

simalura Ris (subsp. of *Brachydiplax chalybea* Brauer), 1919: 1123 (♂). First described ♀. Engano I. (off S.W. Sumatra), Kiojoh, 21.V—12.VII.1936, J. K. de Jong. See Lieftinck, 1948b: 295—296. (Probably a distinct subspecies.) — *Libellulidae*.

simalurum Lieftinck [subsp. of *Pseudagrion pilidorsum* (Brauer)], 1948b: 289—290, fig. 5. Lectotype ♂. Simalur I. (off W. Sumatra), Sinabang, I.1913, E. Jacobson, coll. no. 3327. Described by Ris (1915a: 12—13) sub *P. pilidorsum* Brauer. — *Coenagrionidae*.

simplex Lieftinck (subsp. of *Mesogomphus reinwardti* Hagen & Selys), 1934b: 20, 23—27, fig. 3b, 4. Lectotype ♂. Sumatra mer., Benkulen, Banding Agung [Lake Ranau], 27.X.1929, "at lamp", C. G. G. J. van Steenis. — *Gomphidae*.

Now *Paragomphus simplex* (Lieftinck), but possibly synonymous with *P. capricornis* (Foerster), from Malaya.

simplex Lieftinck (*Argiolestes*), 1949a: 51—53, fig. 27, 38. Holotype ♂ and first described ♀. Central N. New Guinea, Idenburg River basin, above Bernhard Camp, 700—750 m, 19.III.1939, L. J. Toxopeus & J. Olthof (3rd Archbold Exped.). — *Megapodagrionidae*.

simulata Belle (*Aphylla*), 1964a: 26—32, fig. 7—10; 34, fig. 12—14 (larva, supposition). Holotype ♂ and first described ♀. Surinam, upper Coropina River, Dauw-dropkamp, 14.X.1956 (♂) and Upper Para River, 4.I.1959 (♀), J. Belle. — *Gomphidae*.

simulatrix Lieftinck (*Hylaeargia*), 1949a: 136—139, fig. 146, 160, 163—167, 168—170. Holotype ♂ and first described ♀. Central N. New Guinea, Sahuweri River basin, Sigi Camp, 1500 m, 15—28.II.1939, L. J. Toxopeus (3rd Archbold Exped.). — *Coenagrionidae*.

Type-species of *Hylaeargia* Lieftinck (op. cit.).

sinense Asahina (*Ceriagrion*), 1967: 311—313, 326, fig. 203—211. Holotype ♂. S.E.

China, West Tien-Mu-Shan, 9.VI.1935, H. Höne. — Coenagrionidae.

sinuatipennis Lieftinck (*Arrhenocnemis*), 1933d: 4—10, fig. 1—5. Holotype ♂. N. New Guinea, Humboldt Bay area, upper course of Korimé River, Ajiep, ca. 10 km S.W. of Lake Sentani, 165 m, XI—XII.1931, "Leib schwarz, Punkte grün. Brust blau, oben mit 2 grünen Streifen. Buckel schwarz" (living colours, W.S.), W. Stüber. First described ♀. N. New Guinea, Mamberamo River valley, Van Rees Hills, Batavia rapids (low country), III—IV.1940, J. P. K. van Eechoud. — Megapodagrionidae.

Type species of *Arrhenocnemis* Lieftinck (op. cit.).

Originally described in Platynemididae but later transferred to Megapodagrionidae.

Family status still questionable.

sinuatus Fraser (*Burmagomphus*), 1933 (♀). First described ♂. Ceylon, C.P., Hara-gama, stream near Mailapitiya, 16—18.IX.1938, and banks of Mahaweliganga, 18.IX.1938, M. A. Lieftinck. See Lieftinck, 1940a: 104—110, fig. 7—9, pl. 1 fig. 3 (incl. larva). — Gomphidae.

Now *B. pyramidalis sinuatus* Fraser.

smedleyi Laidlaw (subsp. of *Amphicnemis louisae* Laidlaw), 1926: 232, fig. 3. Lectotype ♂ and first described ♀. Mentawai Archip., Siberut I., IX.1924 (♂), and 16.IX.1924 (♀), C. Boden Kloss & N. Smedley, ex coll. F. F. Laidlaw. — Coenagrionidae.

Now considered bona species.

snellemani Albarda in Selys (*Micromerus*), 1879: 398—399 (52—53 sep.). Lectotype ♂. Central Sumatra, with written labels in Snelleman's hand: "Sumatra Exped. v[an] Soeng[ei] aboe n[aar] Mocar[a] Lab.[oe] 3—13/10.1877" — "Micromerus Snellemani Albarda ♂", in Albarda's writing. Ex coll. H. Albarda. — Chlorocyphidae.

First described ♀. N. Sumatra, Atjeh, Pendeng, 400 m, II.1937, A. Hoogerwerf (BM), see Laidlaw, 1950, Trans. R. Ent. Soc. Lond. 101: 276—277.

Currently known as *Libellago (Melanocypha) s. snellemani* (Albarda).

See also *Micromerus sumatranus* Alb. and *Vestalis lugens* Alb.

snelleni Selys (*Rhythemis*), 1878b: 293, 299 (♂ Celebes). Lectotype ♂. N. Celebes, labelled "Rosenberg, Celebes Ayer Pann" (print & written), "28 Hag. 65" (written on yellow), "Snelleni Sélys" (written drawer-label). — Libellulidae.

For collector and locality notes of this and other species taken by Von Rosenberg, see Lieftinck (1942: 599).

Currently classified as a subspecies of *Rhythemis phyllis* (Sulzer).

sollaarti Lieftinck (*Brachydiplax*), 1953e: 262—264, fig. 11 a-b. Holotype ♂. S. Sumatra, Lampong distr., Tandjong Karang, Bergen Estate, 50 m, 26.XII.1952, A. Sollaart. — Libellulidae.

spatulifera Lieftinck (*Drepanosticta*), 1929b: 112—114, fig. 4—6. Holotype ♂ and first described ♀. Java occ., prov. Banjumas, G. Slamet, Baturraden, 2500 ft., 15.IV.1928, F. C. Drescher. — Platystictidae.

spinicaudum Lieftinck (*Papuagrion*), 1937a: 27, 29—31, fig. 19. Holotype ♂. N. New Guinea, Humboldt Bay area, southern slope of Mt. Cycloop, 1000 m, 5.IV.1935, W. Stüber. — Coenagrionidae.

sponsus Lieftinck (*Argiolestes*), 1956b: 70, 86—87, fig. 18—19. Holotype ♂ and first described ♀. Central N. New Guinea, Idenburg River basin, Hill-forest Camp, between Araucaria Camp and Bernhard Camp B, ca. 700 m, 29.III.1939, L. J.

- Toxopeus* & J. Olthof (3rd Archbold Exped.). — Megapodagrionidae.
- starreanum* Lieftinck (*Pseudagrion*), 1949a: 181, fig. 173—174, 212. Lectotype ♂. W. New Guinea, Kowiai distr., Kaimana (southcoast), 17.XI.1941, J. J. van der Starre. — Coenagrionidae.
- starrei* Lieftinck (*Pornothemis*), 1948a: 270—274, fig. 17. Holotype ♂. E. Sumatra, Palembang, "on board steamer on Musi River, near Palembang", 25.II.1938, J. J. van der Starre. — Libellulidae.
- stenomantis* Lieftinck (*Selysioneura*), 1932b: 543, 549—551, fig. 44—46. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, IV—VI. 1931, "nur auf Bäume", W. Stüber. — Isostictidae.
- stenoptera* Lieftinck (*Gynacantha*), 1934c: 265—266, fig. 1. Holotype ♂. With old locality label: "Auctie v[an] Eynndh[oven] Java", in H. Albarda's handwriting. — Aeshnidae.
- stephanodera* Lieftinck (*Asthenocnemis*), 1949a: 90—91, fig. 96, 98, 100, 108—110. Holotype ♀. "Nelle Guinée v. 5 cornes thorax" (red label in R. Martin's handwriting), ex Mus. Paris. — Platycnemididae.
- N.B. — Erroneously labelled as from New Guinea! The specimen undoubtedly originates from the Philippine Islands, which is evident from a series of both sexes that have been taken in Palawan I. (P.I.) by members of the Danish "Noona Dan" Expedition (September 1961), the ♂ being still undescribed.
- Type-species of *Asthenocnemis* Lieft. (op. cit.).
- Family status doubtful.
- stigmatizans* Lieftinck (*Teinobasis*), 1938: 109—112, 113, fig. 42, 44. Holotype ♂ and first described ♀. N. New Guinea, Bewani-Wari Hills, Sawia, 200 m, X—XI. 1936, W. Stüber. — Coenagrionidae.
- stillacruoris* Lieftinck (*Paramecrocnemis*), 1956a: 254—258, fig. 5—7 (as *P. stillacruoris*). Holotype ♂. N.E. New Guinea, Upper Jimmi Valley, north slopes of Sepik-Waghi Divide (W. of Mt. Wilhelm), Tsenga, 1200 m, 13.VII.1955, J. L. Gressitt. — Platycnemididae.
- [*strigata* Hagen in Selys (*Mnais*), 1853 (♂ ♀ Japon). First described ♀. Japan; destroyed? (not in ML). — Calopterygidae.
- Redescribed and fore wing figured by de Selys in the Monographie ("... une femelle du Musée de Leyde", 1854: 64—65, pl. 3 fig. 1).]
- strumidens* Lieftinck (*Idiocnemis*), 1958: 261—263, 282, fig. 12—16; 290—292, fig. 69, 74—76. Holotype ♂ and first described ♀. W. New Guinea, western extremity, Sorong, grassy trail near Malano, 30.IX.1948, M. A. Lieftinck. — Platycnemididae.
- stueberi* Lieftinck (*Anacordulia*), 1938: 127—128, fig. 52 (as *A. stüberi*). Holotype ♀. N. New Guinea, Humboldt Bay area, Hollandia, 19.XII.1930. W. Stüber. — Corduliidae.
- First discussed and figured ♂. N. New Guinea, Bewani Hills, Wembi, 270 m, 18.XII.1937, W. Stüber.
- Currently considered as a synonym of *Metaphya tillyardi* Ris, 1913, and *Anacordulia maccullochi* Tillyard, 1926 (see Lieftinck, 1961b: 420—423, fig. 4—5, ♂).
- Now placed in *Metaphya* Laidlaw.
- stueberi* Lieftinck (*Papurgaria*), 1938: 101—105, fig. 36a, 37a, 38—39 (as *P. stüberi*). Holotype ♂ and first described ♀. N. New Guinea, southern Bewani Hills, upper

course of Tami River, 5 days' journey S.E. of Hollandia, 250 m, Fumb (Keerom?) River, 26.IV.1937, W. Stüber. — *Coenagrionidae*.

Type-species of *Papurgaria* Lieftinck (op. cit.).

stueberi Lieftinck (*Ischnura*), 1932: 594—596, fig. 66 (as *I. stüberi*). Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, III.1931, W. Stüber. — *Coenagrionidae*.

suavis Lieftinck (*Teinobasis*), 1953e: 244—246, fig. 5. Holotype ♂ and first described ♀. S.E. Borneo, Kandungan distr., Ampah, 0—20 m, 7 km N.W., IV—V.1948 (♂) and same area, Ranamun, 21.V.1948, Liem Swie Liong. — *Coenagrionidae*.

subornatus Lieftinck (subsp. of *Argiolestes ornatus* Selys), 1935c: 218, 224—228, fig. 8b-d, 10. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Kressi, 120 km south, 300 m, I.1932, W. Stüber. — *Megapodagrionidae*.

Currently considered a distinct species (see Lieftinck, 1949a: 46, and 1956b: 88—89, fig. 23).

suensoni Lieftinck (*Gomphus*), 1939b: 285, 294—297, fig. 11—12. Holotype ♂ and first described ♀. Central E. China, South Shensi, 13.VII.1936, E. Suenson. — *Gomphidae*.

Now transferred to genus *Sinogomphus* May.

sufficiens Lieftinck (subsp. of *Idiocnemis zebrina* (Lieft.)), 1958: 274, fig. 38—42. Holotype ♂ and first described ♀. Fergusson I. (d'Entrecasteaux Archip.), mountains between Agamoia and Ailuluai, S.-coast, 900 m, 14.VI.1956, L. J. Brass (5th Archbold Exped.). — *Platynemididae*.

sufficiens Lieftinck (*Lanthanusa*), 1955b: 157—160, fig. 1—4. Holotype ♂ and first described ♀. Goodenough I. (d'Entrecasteaux Archip.), 1600 m Camp, east slopes, 11—12.X.1953, K. M. Wynn & L. J. Brass (4th Archbold Exped.). — *Libellulidae*.

sufficiens Lieftinck (*Rhyacocnemis*), 1956a: 250—254, fig. 1—4. Holotype ♂. Goodenough I. (d'Entrecasteaux Archip.), 1600 m Camp, east slopes, 12.X.1953, K. M. Wynn & L. J. Brass (4th Archbold Exped.). — *Platynemididae*.

Type-species of *Rhyacocnemis* Lieftinck (op. cit.).

sumatrana Lieftinck (*Oligoaeschna*), 1953e: 253—255, fig. 8. Holotype ♂. W. Sumatra, Mt. Kerintji (Peak of Indrapura), Kaju Aro Est., 1600 m, 30.X.1952, R. Straatman. — *Aeshnidae*.

sumatranus Albarda in Selys (*Micromerus*), 1879: 397—398 (51—52 sep.). Lectotype ♂ and first described ♀. Central Sumatra, with written labels in Snelleman's hand: "Sumatra Exped./Silago tot 12/7.77" (♂), and "Mocara laboe tot 28.11.77" (♀); with "Micromerus sumatranus Albarda" in Selys' writing. Ex coll. H. Albarda. — *Chlorocyphidae*.

Now *Libellago sumatrana* (Albarda).

See also *Micromerus snellemanni* Alb. and *Vestalis lugens* Alb.

sundana Lieftinck (subsp. of *Epophthalmia vittata* Burm.), 1931: 30, 38, 45, 61—64, pl. 1 fig. 3, fig. 1, 8, 16. Holotype ♂ and first described ♀, W. Java, Bogor (Buitenzorg), 250 m, Botanic garden, 21.III and 3.X.1930, respectively, M. A. Lieftinck. — *Corduliidae*.

sundana Krueger (*Platysticta*), 1898 (♂). First described ♀. West, Central and East Java, various locs., no dates selected. See Lieftinck, 1934d: 470—471. — *Platystictidae*.

Now *Drepanosticta sundana* (Krueger).

[*superba* Selys (*Telebasis*), 1877: 114—115. Originally described after males and females from "Celèbes, Menado (Musée de Leyde); Moluques, par M. Lorquin (Coll. Selys)". The name is Hagen's (see de Selys: "Agrion superbum Hag., Mus. de Leyde", op. cit.: 114), but was validated by de Selys. At present old-time examples of *T. superba* in the Leiden museum are labelled "Halmahera [leg.] Bernstein", sub nom. *Agrion nobile* Hagen, in H. A. Hagen's handwriting, the individuals from Celebes being probably destroyed. Hence one of the specimens labelled "Moluques, Lorquin", in de Selys' collection (IRSN) should be designated lectotype. — Coenagrionidae.

Currently placed in *Teinobasis*.]

superstes Foerster (*Bironides*), 1903 (♂). First described ♀. E. Papua, Peria Creek, Kwagira River, 50 m (Camp 7, 4th Archbold Exped.), 25.VIII.1953, G. M. Tate. See Lieftinck, 1963c: 758—759. — Libellulidae.

surinamensis Geijskes (*Micrathyria*), 1963: 71—74, fig. 15. Holotype ♂. Surinam, near Sectie O, 11.V.1949, D. C. Geijskes. First described ♀. Surinam, Sipaliwini savanna, pool in forest near airstrip, 12.II.1961, D. C. Geijskes. — Libellulidae.

sylvia Lieftinck (*Procordulia*), 1935c: 295, 298—300, fig. 50. Holotype ♂ and first described ♀ (immature). N. New Guinea, Humboldt Bay area, Cycloop Mts., ca. 1000 m, 12.IX.1932 (♂) and 19.V.1932 (♀), W. Stüber. — Corduliidae.

tachyerges Lieftinck (*Mesogomphus*), 1934b: 19, 30—33, fig. 3, 6. Lectotype ♂. E. Sumba I. (Lesser Sunda Is.), Kananggar, 700 m, Waidjelo River, V.1925, K. W. Dammerman. — Gomphidae. Plate 5.

First described ♀. W. Sumba I., Waimangura, 436 m, 19.VIII.1949 (Sumba Exped. 1949, NMB), see Lieftinck, 1953c.

Currently known as *Paragomphus tachyerges* (Lieft.).

tansiptera Lieftinck (*Palaargia*), 1953c: 239—240, fig. 4. Holotype ♂. Halmahera I. (N. Moluccas), Mt. Sembilan, 600 m, 4.X.1951, Sundanese collectors. — Coenagrionidae.

tarafia Lieftinck [subsp. of *Nesoxenia mysis* (Selys)], 1942: 462, 464—465, pl. 24 fig. 17, pl. 41 fig. 164. Lectotype ♂ and first described ♀. N. New Guinea, ca. 150 km W. of Humboldt Bay (Hollandia), Dempta Hills, Tarafia, 600 m, 10.V.1935, W. Stüber. — Libellulidae.

Probably bona species.

tenebricosa Lieftinck (*Prodasineura*), 1937b: 82—84, fig. 15. Holotype ♂ and first described ♀. W. Borneo, Singkawang, forest brook near Bengkajang, 15.VI.1933 (♂) and same area, Raja river near Montrado, 22.X.1931 (♀), L. Coomans de Ruiter. — Protoneuridae.

tenella Lieftinck (*Drepanosticta*), 1935b: 7, fig. 1. Lectotype ♂ and first described ♀. S. Sumatra, S. Lampong prov., Gisting and environs, foot of Mt. Tanggamus, 4—600 m, 25—30.XII.1934, M. A. Lieftinck. — Platystictidae.

tenella Lieftinck (*Archibasis*), 1949a: 184, 186, 188, fig. 235—236. Holotype ♂. W. Borneo, Singkawang, forest-brook near Bengkajang, 15.VI.1933, L. Coomans de Ruiter. First described ♀. E. Borneo, Kutai, Sangkulirang, VI.1937, M. E. Walsh. — Coenagrionidae.

tenera Lieftinck (*Hemicordulia*), 1930b: 157—159, fig. 22. Holotype ♂. Central Java, prov. Banjumas, G. Slamet, Baturraden, 760 m, 14.II.1929, native coll., F. C. Drescher. — Corduliidae.

tenuispinus Lieftinck (*Argiolestes*), 1938: 73—75, fig. 9, 10a, 11. Holotype ♂ and first described ♀. S.E. New Guinea, Astrolabe Range, Moroka, 1300 m, IX.1893 (♂) and 27.VII.1893 (♀), Lamberto Loria, ex MCG. — Megapodagrionidae.
terpsichore Foerster (*Macromia*), 1900 (♂). First described ♀. N. New Guinea, Humboldt Bay area, Hollandia, V.1930, W. Stüber. See Lieftinck, 1942: 562—563. — Corduliidae.

teuchestes Lieftinck (*Bironides*), 1933d: 30, 33, fig. 18, 19—22. Lectotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, Hollandia, IV—VI.1931 (♂), and same area, 400 m, IX.1930 (♀), W. Stüber. — Libellulidae. Plate 6.

thais Lieftinck (*Huonia*), 1953d: 189, 208—216, fig. 10C, 19—23. Holotype ♂ and first described ♀. Misool I. (off W. New Guinea), Kasim River, 100—150 m, 12.IX.1948 (♂) and 17.IX.1948 (♀), M. A. Lieftinck. — Libellulidae.

thalassina Lieftinck (*Notoneura*), 1949a: 74—76, fig. 94—95. Holotype ♂ and first described ♀. S. New Guinea, Digul River territ., Ederat near Aja Maru, II.1939, J. M. van Ravenswaay Claasen. — Protoneuridae.

thalia Lieftinck (*Selysioneura*), 1953b: 642—646, fig. 1, 5, 9, 12. Holotype ♂ and first described ♀. Halmahera I. (N. Moluccas), Mumar River, 200—300 m, 25.IX.1951, Sundanese collectors. — Isostictidae. Plate 1.

thisbe Lieftinck (*Huonia*), 1953d: 188, 200—203, fig. 16, 19, 20. Holotype ♂. Misool I. (off W. New Guinea), Fakal, ca. 150 m, 23.IX.1948, M. A. Lieftinck. — Libellulidae.

tillyardi Lieftinck (subsp. of *Tramea loewi* Brauer), 1942: 527—530, pl. 33 fig. 97, pl. 34 fig. 103. Holotype ♂ and first described ♀. N.E. Australia, N. Queensland, Redlynch, 4.IX.1938 (♂) and Kuranda, 12.VIII.1938 (♀), R. G. Wind. — Libellulidae.

Falls within the range of variation of *Trapezostigma loewi* (Brauer), see Lieftinck, 1962: 91. Hence synonymous with that species.

titschacki Schmidt (*Gomphoides*), 1952 (♂). First described ♀. Perú, Rio Rondos (Huallaga River area), X.1962—II.1963 (♂ ♀), L. Gómez Alonso. See Belle, 1970: 100—102, fig. 154—155. — Gomphidae.

Now *Phyllocycla titschacki* (Schmidt).

tonsillare Lieftinck (*Aciagrion*), 1937a: 49—51, fig. 34—35. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, upper course of Korimé River, Mameda (W. of Lake Sentani), 200—300 m, XII.1934, W. Stüber. — Coenagrionidae.

toxopei Lieftinck (*Hemicordulia*), 1926: 281—284, fig. 1—4. Holotype ♀. Buru I. (S. Moluccas), Leksula, 25.XII.1921, L. J. Toxopeus. — First described ♂. Buru I., Kunturun, 9.VII.1921, same collector (Lieftinck, 1930a: 314—315, fig. 3). — Corduliidae.

tristis Lieftinck (*Argiolestes*), 1935c: 218, 229—231, fig. 13. Lectotype ♂ and allotype ♀ (in cop.). N. New Guinea, Humboldt Bay area, Cycloop Mts., southern slopes, 1000 m, 26.IV.1932, W. Stüber. — Megapodagrionidae.

truncatum Lieftinck (*Xiphiagrion*), 1949a: 197—199, fig. 238. Holotype ♂ and first described ♀. N. New Guinea, Humboldt Bay area, southern Bewani Hills, upper reaches of Tami River, 300—500 m, Sawia, X—XI.1936, W. Stüber. — Coenagrionidae.

tumidula Lieftinck (*Agyrtacantha*), 1937a: 63—65, fig. 39c, 40. Lectotype ♂ and

- first described ♀. N. New Guinea, Humboldt Bay area, southern slope of Mt. Cycloop, 700 m, IX.1933, W. Stüber. — Aeshnidae.
- umbratilis* Lieftinck (*Selysioneura*), 1932b: 543, 551, 602, fig. 47. Lectotype ♀. N. New Guinea, Humboldt Bay area, Hollandia, IV—VI.1931, W. Stüber. First described ♂, same area, Hollandia, 1.II.1932, W. Stüber (see Lieftinck, 1949a: 81—82, fig. 84). — Isostictidae.
- undulatus* Needham (*Gomphoides*), 1944 (♂). First described ♀. Surinam, Coropina Creek, upper part, near Zanderij, 30.IV.1951, D. C. Geijskes. See Geijskes, 1964: 40—41, fig. 18—19. — Gomphidae.
- uropetala* Lieftinck (*Oligoaeschna*), 1968a: 149, 152, 171—174, fig. 6—7. Holotype ♂ and first described ♀. N.E. Sumatra, Deli, Laut Tador, 90 m, 10.IV.1949 (♂) and 12.V.1948 (♀), R. Straatman. — Aeshnidae.
- vanderweelei* Martin (*Heliaeschna*), 1907b: 222—223 (sub *H. van der Weelei*). Holotype ♂. With erroneous locality label: "Sala Bendo, Liberia Büttikofer", written on white disk, "*Heliaeschna Van der Weelei* Martin ♂" in R. Martin's writing, and "limpida Sél" in pencil (unknown hand). Ex Mus. Paris. — Aeshnidae.
- Syn. of *Heliaeschna simplicia* Karsch. See also Lieftinck, 1940b: 389.
- venatrix* Lieftinck (*Plattycantha*), 1937a: 73—75, fig. 43, 45. Lectotype ♂. N. New Guinea, Humboldt Bay area, southern slopes of Mt. Cycloop, 1000 m, IX.1932, W. Stüber. — Aeshnidae.
- venilia* Lieftinck (*Selysioneura*), 1953b: 651—654, 658, fig. 4, 14. Holotype ♀. W. New Guinea, Berau Peninsula (Vogelkop), Beraur distr., Klamono Oilfields, 40 km inland, 40—50 m, 23—24.VIII.1948, M. A. Lieftinck. — Isostictidae. Plate 1.
- venusta* Lieftinck (*Oligoaeschna*), 1968a: 147, 168, fig. 6 & pl. 13. Holotype ♂. E. Borneo, Kutai, Tabang, Bengen River, 125 m, 9.IX.1956, A. M. R. Wegner. — Aeshnidae.
- viduata* Lieftinck (subsp. of *Ischnura aurora* Brauer), 1949a: 222—223, fig. 275. Holotype ♂ and first described ♀. Central W. New Guinea, Baliem River valley, environs of Baliem R. Camp, 1700 m, 15.XI.1938, L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae. Plate 2.
- viduatum* Lieftinck [subsp. of *Orthetrum sabina* (Drury)], 1942: 475—478, pl. 25 fig. 33. Holotype ♂ and allotype ♀ (in cop.). Central W. New Guinea, Baliem River valley, 1600 m, 11.XII.1938, L. J. Toxopeus (3rd Archbold Exped.). — Libellulidae.
- viola* Lieftinck (*Archibasis*), 1948 (nom. nov., sine descr.); 1949a: 184, 186, 188—189, fig. 230, 234. Holotype ♂ and first described ♀. Karimondjawa Is. (Java Sea), Kali Todjero, P. Karimon, 28.XI.1930, M. A. Lieftinck. — Coenagrionidae.
- virgula* Lieftinck (*Selysioneura*), 1959a: 282—284, fig. 1, 10, 19—21. Holotype ♂. Woodlark I. (Murua I.), Kulumadau, 10.II.1957, W. W. Brandt. — Isostictidae. Plate 1.
- walshae* Lieftinck (*Acrogomphus*, sub *walshi*), 1935a: 203—205, fig. 13—15 (1937b: 118, footnote, nom. emend.). Holotype ♂. S.W. Sumatra, Benkulen distr., Muara Tenam, ca. 250 m, 16—23.VI.1925 (rect. 1935), M. E. Walsh. First described ♀. W. Java, Djampang Tengah (Bodjonglopang), Tjitalahab Estate, 650 m, 30.IV.1940, taken in cop., Mrs. C. Rosier. — Gomphidae. Plate 4.
- wayana* Geijskes (*Staurophlebia*), 1959: 151, 164—168, fig. 74, pl. 7b. Holotype ♂

and first described ♀. Surinam, Loë Creek, Litani River, 20.VIII.1939, D. C. Geijskes. — Aeshnidae.

wijaya Lieftinck (*Microgomphus*), 1940a: 98—104, fig. 4—6 & pl. 1 fig. 4 (exuviae). Holotype ♂ (freshly emerged, with exuviae) and first described ♀ (immature). Ceylon, Central Prov., Haragama, tributary of Mahaweliganga River, near Mailapitiya, 500 m, 17—18.IX.1938, M. A. Lieftinck. Holotype ♂ preserved with exuviae in alcohol. — Gomphidae.

williamsoni Ris (*Dythemis*), 1919 (♂). First described ♀. Surinam, Upper Coropina Creek near Zanderij, 1.II.1958, J. Belle. See Geijskes, 1964: 45—47, fig. 17. — Libellulidae.

williamsoni Laidlaw (*Leptogomphus*), 1912 (♂). First described ♀. E. Borneo, Kutai, Sangkulirang distr., Dagaunan, VI.1937, M. E. Walsh. See Lieftinck, 1948a: 247—249, pl. 8 and fig. 10. — Gomphidae.

xanthe Ris (*Rhinocypha*), 1927: 7—9, fig. 2. Lectotype ♂ and first described ♀. N. Central Sumatra, foot of Kerintji Peak, Sungai Kumbang, 1400 m, VIII.1915, E. Jacobson, ♂ with coll. no. 88/09 (or 60/88). — Chlorocyphidae.

xanthe Lieftinck (*Notoneura*), 1938: 93, fig. 27—28. Holotype ♂. Salawati I. (off western extremity of New Guinea), [H. A.] Bernstein leg. — Protoneuridae.

xanthocyane Lieftinck (*Oreagrion*), 1949a: 216—220, fig. 246, 252—253, 256—257, 268, 273—274. Holotype ♂ and first described ♀. Central N. New Guinea, Snow Mountain (Nassau) Range, peat bog swamps in moss forest, N. of Lake Habbema, 3000 m, 24.VIII.1938, L. J. Toxopeus (3rd Archbold Exped.). — Coenagrionidae. Plate 3.

xanthocyanus Selys (*Micromerus*), 1869a: 666 (22 sep.). Lectotype ♂. [N. Celebes], labelled "Rosenberg, Limbotto, Celebes" (written), and "Micromerus xanthocyanus Selys", in de Selys' handwriting. For particulars concerning the collector, his localities and dates of capture, see Lieftinck, 1942: 599.

Now *Libellago xanthocyanus* (Selys).

zebrina Lieftinck (*Idiocnemis*), 1958: 272—274, 283, fig. 33—37. Holotype ♂ and first described ♀. Papua, North-Eastern Prov., Cape Vogel Peninsula, Menapi, up to 150 m, 9.IV.1953, G. M. Tate (4th Archbold Exped.). — Platynemididae.

IV. ANNOTATED LIST OF TYPE-SPECIMENS IN FOREIGN
INSTITUTIONAL COLLECTIONS DESCRIBED BY DUTCH AUTHORS

N.B. — The following symbols (bracketed in the next list) have been used to indicate the whereabouts of type-specimens of species-group taxa belonging to this category:

- AMNH — American Museum of Natural History, New York
 BISH — Bernice P. Bishop Museum, Honolulu
 BM — British Museum (Natural History), London
 CAS — Science Museum, California Academy of Sciences, San Francisco
 CNHM — Chicago Natural History Museum, Chicago
 CUI — Department of Entomology, Cornell University, Ithaca
 IRSN — Institut Royal des Sciences Naturelles, Bruxelles
 KU — Entomological Laboratory, Kyushu University, Fukuoka
 MAT — Koninklijk Museum voor Midden-Afrika, Tervuren
 MBUD — Természettudományi Múzeum Allattára, Budapest
 MC — Zoologisk Institut & Museum (Universitetets Zoologiske Museum), Copenhagen
 MKB — Zoologisches Forschungsinstitut u. Museum Alexander Koenig, Bonn
 ML — Rijksmuseum van Natuurlijke Historie, Leiden
 MNB — Museum für Naturkunde an der Humboldt-Universität, Berlin
 MP — Muséum National d'Histoire Naturelle, Paris
 NMB — Naturhistorisches Museum, Basel
 NRS — Naturhistoriska Riksmuseet, Stockholm
 ROMT — Royal Ontario Museum, Toronto
 RSM — Royal Scottish Museum, Edinburgh
 SMF — Natur-Museum Senckenberg, Frankfurt a.M.
 UMMZ — Museum of Zoology, University of Michigan, Ann Arbor
 USNM — United States National Museum (now National Museum of Natural History, Washington, D.C.)
 ZIUL — Zoological Institute, University, Lund
 ZMA — Instituut voor taxonomische Zoölogie, Amsterdam
 ZMH — Zoologisches Staatsinstitut und Zoologisches Museum, Hamburg

aconita Lieftinck (*Trithemis*), 1969c: 40—44, fig. 7C. Holotype ♂. Congo, Katanga, Lower Luapula Region, Kisamamba, S. of Kasenga, Mululushi River, at bridge on Kasenga-Kialwe road, 950 m, 3.IV.1961, J. J. Symoens, no. 8504 (MAT). — Libellulidae.

aequalis Lieftinck (*Trithemis*), 1969c: 44—45, fig. 7A. Holotype ♂ and first described ♀. N.E. Zambia, Lake Bangweulu Region, 2 km from Ndoba, 1150 m, 30.XII.1961 (♂) and Mundubi, W.-shore of Lake Chifunabuli, 1140 m, 30.XII.1961 (♀), J. J. Symoens, nos. 9134 (♂) and 9149 (♀) (MAT). — Libellulidae.

aerides Lieftinck (*Teinobasis*), 1962: 20, 34—36, fig. 10a-c. Holotype ♂. E. Caroline Is. (Micronesia), Ponape I., Mt. Pairot, 660 m, IV—IX.1950, Adams (USNM, 65142). — Coenagrionidae.

- alcathoe** Lieftinck (*Gynacantha*), 1961a: 145—148, fig. 44, 51, 52. Holotype ♂. Philippine Is., Mindanao I., Davao Prov., Tagum, Madaum, sea-level, 10.X.1946, F. G. Werner (CNHM). — Aeshnidae.
- anderi** Lieftinck (*Anisogomphus*), 1948d: 59—63, fig. 1—2. Holotype ♂. China, prov. Hunan, Tien-Chao-Shan, ca. 1200 m, 31.VIII.1938, G. Österlin (ZIUL). — Gomphidae.
- annulosum** Lieftinck (*Ceriagrion*), 1934a: 11—12, fig. 4. Holotype ♂. Java, with pin-label: Java Fr[uhstorfer] 61 (yellow square), and *Pseudagrion annulosum* Selys, n.sp. Java (written drawer label, both in de Selys' writing) (IRSN). — Coenagrionidae.
- First described ♀. S.W. Java, Sempurtjondong, Tjidaun, 8.XI.1935, M. Bartels Jr. (see Asahina, 1967: 263—265, 323, fig. 13).
- arboreus** Lieftinck (*Burmagomphus*), 1940a: 111, 112. Lectotype ♂. Burma, R. A. Earnshaw; with several identification labels (UMMZ). Selected by Lieftinck, 1964. — Gomphidae.
- Nom. nov. pro *Burmagomphus vermiculatus* (rect. *vermicularis*!) Williamson, nec R. Martin, from Burma, i.e. the above specimen (see Williamson, 1907, Proc. U.S. Nat. Mus. 33: 301—303, fig.). Also for *Burmagomphus williamsoni* Fraser, 1926, nec *B. vermicularis williamsoni* Foerster, 1914. For further particulars, see Lieftinck, 1940a: 111, and 1964b: 15, 17—22, fig.
- ariel** Lieftinck (*Teinobasis*), 1962: 20, 31—34, fig. 8—9. Holotype ♂ and first described ♀. E. Caroline Is. (Micronesia), Ponape I., Agric. Exper. Sta., VI—IX. 1950, Adams (♂, USNM 65141). No selection of allotypic ♀. — Coenagrionidae.
- arsinoe** Lieftinck (*Diplacina*), 1953d: 156, 171—173, fig. 5—6. Holotype ♂. Papua, Kokoda, 1200 ft., VIII.1933, L. E. Cheesman (BM). See Kimmins, 1968: 281. — Libellulidae.
- aruanus** Lieftinck (*Lestes* sg. *Indolestes*), 1951b: 8—9, fig. 4. Holotype ♂ (head wanting). Aru Is., L. albicauda McLachlan, det. R. MacLachlan (BM). See Kimmins, 1970: 194. — Lestidae.
- asahinai** Lieftinck (*Macromidia*), 1971b: 21. Nom. nov. pro *Idionyx philippa*, Asahina, 1968 (♂ Palawan), nec Ris, 1912c (♀ Mindoro, P.I.). Holotype ♂. Palawan I., 5—8 mi. E. of Tarumpitao, Pf., 28.V.1958, H.E.M. (see Asahina, 1968: 357—358, fig. 5—10, pl. 2 fig. 11) (BISH). — Corduliidae.
- atrocyana** Lieftinck (*Notoneura*), 1960b: 117—120, fig. 1—5. Holotype ♂ and first described ♀. Waigeu I. (off N.W. New Guinea), Camp Nok (Mt. Buffelhoorn), 2500 ft., IV.1938, L. E. Cheesman (BM). See Kimmins, 1970: 176. — Protoneuridae.
- atrophha** Lieftinck (*Vestalis*), 1965b: 337, 351—353, fig. 4, 8. Holotype ♂. N.W. Borneo, Sarawak, Mt. Dulit Trail, 10.VIII.1932/Primitive forest/Oxford Univ. Exped. (BM). See Kimmins, 1969: 304. — Calopterygidae.
- aurantipes** Lieftinck (*Platycnemis*), 1965c: 248—250, fig. 10. Holotype ♂ and first described ♀. Madagascar, Prov. Tamatave, Périnet, 25.IX.1958, F. Keiser et al. (NMB). — Platycnemididae.
- austrosundanum** Lieftinck (*Orthetrum*), 1953c: 208—210, fig. 72. Holotype ♂ and first described ♀. Sumba I. (Lesser Sunda Is.), Waimangura, ca. 430 m, Wulu Mano, 20.VIII.1949 (Sumba Exped. 1949, NMB XII C 302). — Libellulidae.
- bellax** Lieftinck (*Lestes* sg. *Indolestes*), 1953c: 145—148, fig. 4—5. Holotype ♂

- and first described ♀. Sumba I. (Lesser Sunda Is.), E. Sumba, Rende Wai, 100 m, 11—16.VI.1949 (Sumba Exped. 1949, NMB, XII B 37). — Lestidae.
- berlandi* Lieftinck (*Drepanosticta*), 1939a: 145—147, fig. 1. Holotype ♂. Lombok I. (Lesser Sunda Is.), Sapit, 2000 ft., IV.1896, H. Fruhstorfer (MP). — Platystictidae.
- berlandi* Lieftinck (*Macromia*), 1941a: 94—98, fig. 1—2. Holotype ♂. Indochina, labelled: "Tonkin, monts Mauson, Avril-Mai, 2—3.000, H. Frühstorfer", and "M. borneensis", by R. Martin (MP). See also Martin, 1907a: 69, fig. A (base of hind wing ♂ holotype, sub *M. borneensis* Krüger, misidentified). — Corduliidae.
- bigemmata* Lieftinck (*Elattonura*), 1971a: 194—198, fig. 6. Holotype ♂. Ceylon, Western Prov., Labugama, 24 mi. E.S.E. of Colombo, loc. 17, 9.III.1962, A. Perera, Lund Univ. Ceylon Exped. 1962 (ZIUL). — Protoneuridae.
- bivittata* Lieftinck (*Protosticta*), 1939a: 151—154, fig. 4. Holotype ♂. Celebes, labelled "Célèbes/Protosticta simplicinervis?? nov. sp.", in R. Martin's handwriting (MP). First described ♀. S. Celebes, Bonthain, C. Ribbe, 1884 (ML).
- blandulus* Lieftinck (*Heliogomphus*), 1929b: 123—125, fig. 14—16. Holotype ♂. Equat. [W.] Borneo, basin of Kapuas River, "Sumpfwald am Bika Fluss", 4.II.1925, leg. Prof. H. Winkler (ZMH). — Gomphidae.
- boharti* Lieftinck (*Tapeinothemis*), 1950a: 638—642, fig. 5—6. Holotype ♀. Solomon Is., Little Florida I., 15-31.III.1945, G. E. Bohart (USNM). — Libellulidae.
- Type-species of *Tapeinothemis* Lieftinck (op. cit.).
- brincki* Lieftinck (*Drepanosticta*), 1917a: 191—192, fig. 2a-c. Holotype ♂ and first described ♀ (subadult). Ceylon, Prov. Sabaragamuwa, Deerwood, Kuruwita, 6 mi. N.N.W. of Ratnapura, loc. 90 III, 21.II.1962, in ravine, Lund Univ. Ceylon Exped. 1962 (ZIUL). — Platystictidae.
- burmana* Lieftinck (*Gynacantha*), 1960a: 248—251, fig. 11a-b. Holotype ♂. Burma, labelled in de Selys' writing: "Palone, 16.IX.89" and "Gynac. bayadera S. ♂", with additional labels from R. Martin (IRSN). — Aeshnidae.
- caesarea* Lieftinck (*Gomphidia*), 1929b: 139—143, fig. 31—32. Holotype ♂. Central W. Borneo, Lebang Hara, 25.XI-5.XII.1924, Prof. H. Winkler leg. (ZMH). — Gomphidae.
- caliope* Lieftinck (*Gynacantha*), 1953e: 260—262, fig. 10. Holotype ♂. Waigeu I., off N. W. New Guinea, Camp Nok, 2500 ft., IV.1938, L. E. Cheesman (BM). See Kimmins, 1969: 301. — Aeshnidae.
- callirrhoe* Lieftinck (*Diplacina*), 1953d: 156, 169—171, fig. 5—6. Holotype ♂. W. New Guinea, Berau Peninsula (Vogelkop), Karoon, labelled "N. Guinée Laglaize" and "Diplacina smaragdina S. ♂" (lilac labels in de Selys' handwriting) and additional pin-labels "D. smaragdina det. F. Ris" (IRSN). — Libellulidae.
- N.B. — The ♂ and ♀ in de Selys' collection, with the same locality labels and selected by F. Ris and myself as the types of true *D. smaragdina* Selys, are lectotype and allotype, respectively, of that species; these also are deposited in the Brussels museum (see lieftinck, op cit.: 173—174).
- cardinalis* Lieftinck (*Agrionoptera*), 1962: 72, 74, fig. 20b, 21f, 22g, h. Holotype ♂ and first described ♀. W. Caroline Is. (Micronesia), Palau Is., Babelthuap I., Ulimang, XII. 1947, Dybas (♂ USNM 65145, ♀ USNM). — Libellulidae.
- carolinensis* Lieftinck (*Teinobasis*), 1962: 20, 23—24, fig. 5, 6, 10. Holotype ♂ and

- first described ♀. E. Caroline Is. (Micronesia), Truk Is., Wena (Moen) I., Nantuka area (Mts. Chukumong and Tonaachau), 21.III.1949, Langford (♂ USNM 65137) and 25.III.1949, same coll. (♀ USNM). — *Coenagrionidae*.
- castor* Lieftinck (*Onychogomphus*), 1941b: 246—247, pl. 16 fig. 6, pl. 14 fig. 1—3. Holotype ♂. Malay Peninsula, Kelantan, Heyne vdt. 1903, ex coll. F. Förster (UMMZ). — *Gomphidae*.
- ceylonicum* Lieftinck (*Mortonagrion*), 1971a: 198—199, fig. 8. Holotype ♂. Ceylon, Northwest Prov., Kadaimparu, 15 mi. N. of Negombo, loc. 36, 3.I.1962, Lund Univ. Ceylon Exped. 1962 (ZIUL). — *Coenagrionidae*.
- chrysochlora* Lieftinck (*Hemicordulia*), 1953c: 188—191, fig. 54—57. Holotype ♂. Sumba I. (Lesser Sunda Is.), Central Sumba, Langgalirü, 400—600 m, 4-15.X.1949 (Sumba Exped. 1949, NMB, XII C 230). — First described ♀. W. Sumba I., Waimangura, 436 m, 12-26.VIII.1949 (id., same coll.-no.). — *Corduliidae*.
- coartans* Lieftinck (*Argiolestes*), 1956b: 69, 81—84, fig. 10, 14—15. Holotype ♂ and first described ♀. Waigeu I., off N.W. New Guinea, Camp Nok, 2500 ft., IV.1938, L. E. Cheesman (BM). See Kimmins, 1970: 198. — *Megapodagrionidae*.
- commutata* Lieftinck (*Notoneura*), 1938: 90—91, fig. 23. Holotype ♂ and first described ♀. Bismarck Archip., New Britain, Herbertshöh, 1896 (♂) and Ralum (♀), F. Dahl (SMF); selected by Lieftinck, 1949b: 335. — *Protoneuridae*.
- Nom. nov. pro *Caconeura exul*: Ris, 1900 (♂ ♀ New Britain, Herbertshöh), nec *Alloneura exul* Selys, 1886b.
- cyrene* Lieftinck (*Synthemis*), 1953a: 71, 74, 78—81, fig. 5—9. Holotype ♂ and first described ♀. N.E. New Guinea, Saiko, 5500—6000 ft., Buba River (Upper Waria River), IX-X.1936, F. Shaw-Mayer (BM). — *Corduliidae*.
- See Kimmins, 1968: 296.
- dajakanus* Lieftinck (*Lestes* sg. *Indolestes*), 1948e: 3—6, fig. 2—3. Holotype ♂. N.W. Borneo, Sarawak Distr., E. Mjöberg (NRS). — *Lestidae*.
- decorata* Lieftinck (*Oligoaeschna*), 1968a: 146, 158—159, pl. 12 & tfig. 2. Holotype ♀. Assam, Shillong, 5000 ft., 5.V.1924, Crinoline Falls, T.B. Fletcher, ex coll. F. C. Fraser (BM). — *Aeshnidae*.
- deminuta* Lieftinck (*Diplacodes*), 1969c: 32—35, fig. 5a-d. Holotype ♂ and first described ♀. N.E. Zambia, Lake Bangweulu Region, Samfya, 1160 m, 13.I.1962 (♂) and id., "dembo" of Kasamba River, 1160 m, 17.IV.1963 (♀), J. J. Symoens, no. 9960 (♂) and 10296 (♀) (MAT). — *Libellulidae*.
- dendrolagina* Lieftinck (*Drepanosticta*), 1938: 83—84, 87, fig. 19c, 20. Lectotype ♂ and first described ♀. N.E. New Guinea, Astrolabe Bay, Sattelberg (Gegagalu), 900 m, Carl Wahnes 1899, various dates, ex coll. F. Foerster (UMMZ). — *Platystictidae*.
- dentipecta* Lieftinck (subsp. of *Rhinocypha tinctoria* Ramb.), 1938: 69—70, fig. 1, 3A-C, 4N, 5F. Holotype ♂ and first described ♀. N.E. New Guinea, Huongolf, Hänishafen, Taimi Inseln, III.1900, Carl Wahnes (UMMZ). — *Chlorocyphidae*.
- dione* Lieftinck (*Macromia*), 1971b: 26—28, fig. 8—9. Holotype ♂. N.E. Sumatra, Deli/6594, L. Martin, with label "Macromia? westwoodi Selys" (unknown writing) (MNB). — *Corduliidae*.
- discrepans* Lieftinck (*Aethiothemis*), 1969c: 26—28, fig. 4. Holotype ♂ and first described ♀. Congo, Katanga, Lower Luapula Region, Kabiashia, Luanza River, 1000 m, 23.IV.1966, F. Malaisse, no. 4155 (MAT). — *Libellulidae*.

- dolabrata* Lieftinck (*Teinobasis*), 1938: 114—116, fig. 47. Holotype ♂ and allotype ♀ (in cop.). N.E. New Guinea, Huongolf, Hänischhafen, Taimi Ins., III.1900, Carl Wahnes; nos. 2239 and 2240 of F. Förster's collection (UMMZ). — *Coenagrionidae*.
- donaldi* Lieftinck (*Lanthanusa*), 1955b: 161—164, fig. 5—6. Holotype ♂ and first described ♀. N.E. New Guinea, Saiko, 5500—6000 ft., Buba River (Upper Waria River), IX-X.1936, D. Shaw-Mayer (BM). See Kimmins, 1968: 284. — *Libellulidae*.
- ducatrrix* Lieftinck (*Devadatta*), 1969a: 205—207, fig. 1—2. Holotype ♂. Tonkin, Than Moi, VI-VII, H. Fruhstorfer, with yellow label "*Heptaneura natator* Martin Type" (nom. nud.), in R. Martin's handwriting (MP). — *Amphipterygidae*.
- eduardi* Lieftinck (*Hemicordulia*), 1953c: 185—188, fig. 52—53. Holotype ♂. W. Sumba I. (Lesser Sunda Is.), Rara, 340 m, near Korokangali, 7.VIII.1949, A. M. R. Wegner (Sumba Exped. 1949, NMB XII C 229). — *Corduliidae*.
- elisabethae* Lieftinck (*Nesolestes*), 1965c: 243—244, fig. 7. Holotype ♂. Madagascar, Prov. Diégo-Suarez, Montagne d'Ambre, 24.V.1958, F. Keiser et al. (NMB). — *Megapodagrionidae*.
- elisabethae* Lieftinck (*Zygonyx*), 1963b: 56—58, fig. 4—6. Holotype ♂ and first described ♀. Madagascar, Prov. Diégo-Suarez, Montagne d'Ambre, 21.V.1958 (♂) and 23.V.1958 (♀), F. Keiser et al. (NMB). — *Libellulidae*.
- ephippiatus* Lieftinck (*Argiolestes*), 1956b: 72, 97—98, fig. 35—36. Holotype ♂. N.E. New Guinea, Kokoda, 1200 ft., IX.1933, L. E. Cheesman (BM). See Kimmins, 1970: 197. — *Megapodagrionidae*.
- euphrosyne* Lieftinck (*Macromia*), 1952a: 439, 450—454, fig. 3, 7. Holotype ♂ and first described ♀. Waigeu I. (off N.W. New Guinea), Camp Nok (Mt. Buffelhoorn), 2500 ft., IV.1938, L. E. Cheesman (BM). — *Corduliidae*.
- evelynae* Lieftinck (*Notoneura*), 1960b: 120—122, fig. 6. Holotype ♂. Waigeu I. (off N.W. New Guinea), Camp Nok (Mt. Buffelhoorn), 2500 ft., IV.1938, L. E. Cheesman (BM). See Kimmins, 1970: 177. — *Protoneuridae*.
- evelynae* Lieftinck (*Synthemis*), 1953a: 71, 73, 81—84, fig. 10—11. Holotype ♂ (abdominal segments 6—10 and apps. missing) and first described ♀. Papua, Mafulu, 4000 ft., XII.1933, L. E. Cheesman (BM). See Kimmins, 1968: 296. — *Corduliidae*.
- exoleta* Lieftinck (*Coeliccia*), 1961a: 140—141, fig. 49. Holotype ♂. Philippine Is., Mindanao I., Davao Prov., E-slope of Mt. McKinley, 2500 ft., 7.IX.1946, F. G. Werner (CNHM). — *Platynemididae*.
- fickei* Foerster (*Protolestes*), 1899b (♀). First described ♂. N. Madagascar, Prov. Diégo-Suarez, Montagne d'Ambre, 24.V.1958, F. Keiser et al. (NMB & ML). See Lieftinck, 1965c: 244—246, fig. 9. — *Megapodagrionidae*.
- floresiana* Lieftinck (*Drepanosticta*), 1939a: 147—149, fig. 2. Holotype ♂ (head and prothorax missing). Flores I., labelled "Florès" in R. Martin's handwriting (MP). First described ♀, same label (ML). — *Platystictidae*.
- fontinalis* Lieftinck (*Drepanosticta*), 1937b: 64—67, fig. 5—6. Holotype ♂. Malay Peninsula. Two labels in F. Förster's handwriting: "Kelantan Ost Malacca Heine vdt. 1903/*Platysticta quadrata kelantana* n. rasse Förster" [nom. in litt.] (UMMZ). First described ♀. Malay Peninsula, Selangor, Templer Park, 12 mi. from Kuala Lumpur, forest seepage near Sungai Chui Tinggi, 21—23.III.1963 (♂ ♀), M. A. Lieftinck (ML). See Lieftinck, 1965a: 181—184. — *Platystictidae*.

- tortis* Lieftinck (*Teinobasis*), 1962: 20, 26—29, fig. 7. Holotype ♂ and first described ♀. E. Caroline Is. (Micronesia), Ponape I., Mt. Nahnalaud, VI-IX.1950, Adams (USNM 65139). — *Coenagrionidae*.
- fraseri* Lieftinck (*Drepanosticta*), 1955e: 70—72, fig. 1. Lectotype ♂. Ceylon, Central Prov., Kandy, 2.XI.1953, F. Keiser et al. (NMB). — *Platystictidae*.
- fraterna* Lieftinck (*Notoneura*), 1933c: 410—413, fig. 1. Lectotype ♂ and first described ♀. N. Australia, N.T., Z.-Lagoon, 19.IV.1931, Ed. Handschin (NMB). — *Protoneuridae*.
- frontalis* Lieftinck (*Eusynthemis*), 1949b: 359—361, fig. 12. Holotype ♀ (immature). Solomon Is., Guadalcanal I., XII. 1921. J. A. Kusché (CAS). — *Corduliidae*.
- fruhstorferi* Lieftinck (subsp. of *Onychogomphus modestus* Selys), 1934b: 34—36, fig. 7. Holotype ♂. With labels "Java Fr [uhstorfer] ♂" and "Onychogomphus Fruhstorferi ♂ Java", in de Selys' handwriting (IRSN). — *Gomphidae*. Plate 4.
First discussed ♀. S. Sumatra, Lampong distr., foot of Mt. Tanggamus, Giesting, 500 m, 7.VII.1934, L. J. Toxopeus (ML).
Now considered a distinct species (see Lieftinck, 1948e: 23).
- gamblesi* Lieftinck (*Lokia*), 1969c: 16—18, fig. 2. Holotype ♂. N.E. Zambia, Middle Luapula Region, Kisongo, swampy "dembo" of Loshi River, 1190 m, 24.XII.1962, J. J. Symoens, no. 9913 (MAT). — *Libellulidae*.
- gracilis* Belle (*Epigomphus*), 1970: 12—15, fig. 20—24. Holotype ♀. Brazil, Mirituba, Tapájos, Amazon, IV.1921, A. H. Fassl, cat. no. 15122 (SMF). — *Gomphidae*.
- guamensis* Lieftinck [subsp. of *Agrionoptera insignis* (Ramb.)], 1962: 71, 73, fig. 22c-d. Holotype ♂ and first described ♀. S. Mariana Is. (Micronesia), Guam I., V.1945, Bohart & Gressitt (♂ USNM 65777, ♀ USNM). — *Libellulidae*.
- gurneyi* Lieftinck (*Papuagrion*), 1949b: 341—343, fig. 5. Holotype ♂. Solomon Is., Bougainville I., 6.VIII-16.XI.1944 (no precise date), A. B. Gurney (USNM). — *Coenagrionidae*.
- handschini* Lieftinck (*Isosticta*), 1933c: 417—420, fig. 3—4. Lectotype ♂ and first described ♀ (juv.). N. Australia, N.T., Burnside, 21.IV.1932 (♂) and Kadarri, 20.IV.1931 (♀), Ed. Handschin (NMB). — *Isostictidae*.
- icterica* Lieftinck (*Macromia*), 1929a: 64, 84—86, fig. 11—12. Holotype ♂. China, Canton (no further particulars), ex coll. K. J. Morton (RSM). — *Corduliidae*.
- ierea* Geijskes (*Argia*), 1932: 244—248, fig. 6—9. Lectotype ♂. Trinidad I., Sangre Grande, 16.I.1930, G. Belmontes (ROMT). — *Coenagrionidae*.
Synonymous with *Argia insipida* Hagen in Selys.
- imitans* Lieftinck (*Calicnemia*), 1948e: 12—15, fig. 7. Holotype ♂ and first described ♀. S. Burma, Tenasserim, Malvedaung, 30 km S. of Ye, 300 m, 17.XI.1934, R. Malaise (NRS). — *Platycnemididae*.
- inaequidens* Lieftinck (*Idiocnemis*), 1932b: 503—504, fig. 7—8. Holotype ♂. N. Guinea Biró 1900, Stephansort Astrolabe Bai (printed label), "Idiocnemis bident." (F. Förster's handwriting) (MBUD). — *Platycnemididae*.
First described ♀. N.E. New Guinea, Bongu, Urwald Astrolabebai, Wahnes leg., Sommer 1899 (F. Förster's handwriting) (MBUD; ML).
- inaequistigma* Fraser (*Millotagrion*), 1953 (♂). First described ♀. E. Madagascar,

- Prov. Tamatave, Moramanga, 9 km south, 22.XII.1957, F. Keiser et al. (NMB). See Lieftinck, 1965c: 251—253, fig. 11. — Coenagrionidae.
- Type-species of *Millotagrion* Fraser (op. cit.).
- incisurum* Lieftinck (*Pseudagrion*), 1949b: 336—338, fig. 2. Holotype ♂. Solomon Is., Guadalcanal I., XII.1920-I.1921, J. A. Kusche (CAS). — Coenagrionidae.
- inconspicua* Lieftinck (*Drepanosticta*), 1938: 85—86, 87, fig. 21. Holotype ♂. Waigeu I., off N.W. New Guinea, labelled "Waigiü", probably ex Staudinger (SMF). — Platystictidae.
- ixias* Lieftinck [subsp. of *Rhyothemis phyllis* (Sulz.)], 1953c: 221—223. Holotype ♂ and first described ♀. Sumba I. (Lesser Sunda Is.), E. Sumba, Melolo, sea-level, 23.V.-8.VI.1949 (Sumba Exped. 1949, NMB, XII C 342). — Libellulidae.
- johnseni* Lieftinck (*Burmagomphus*), 1966a: 193—197, fig. 1—5. Holotype ♂. Thailand, N.W., Kwae Noi area, Ban Kao, 13-18.XI.1961, P. Johnsen, no. 1286 (MC). — Gomphidae.
- junghuhni* Lieftinck (*Megalogomphus*), 1934c: 266—267, fig. 2. Holotype ♀. With two labels: "Java, Heyne", and "Heterogomphus près cochinchinensis Selys ♀", the latter in de Selys' handwriting (IRSN). — Gomphidae.
- keiseri* Lieftinck (subsp. of *Macrogomphus annulatus* Selys), 1955e: 81—83, fig. 4. Holotype ♂. Ceylon, Central Prov., Weragamtota, 14.IX.1953, "am Licht", F. Keiser et al. (NMB). — Gomphidae.
- khasiana* Lieftinck (*Oligoaeschna*), 1968a: 146, 156—158, fig. 2—3. Holotype ♂. Assam, Khasia Hills, in R. MacLachlan's writing, ex coll. MacLachlan (BM). — Aeshnidae.
- kimminsi* Lieftinck (*Idiocnemis*), 1958: 270—272, 284, fig. 56—60. Holotype ♂ and first described ♀. New Britain (Bismarck Archip.), A. Willey, Reg. Mar. 1, 1898, nos. 98 & 73, both with label "Idiocnemis nov. spec.", in F. Ris' handwriting (BM). See Kimmins, 1970: 180. — Platynemididae.
- kimminsi* Lieftinck (*Synthemis*), 1953a: 71, 73, 75—78, fig. 1—4. Holotype ♂ and first described ♀. N.E. New Guinea, Saiko, 5500—6000 ft., Buba River (Upper Waria River), 24.X.1936, F. Shaw-Mayer (BM). See Kimmins, 1968: 298. — Corduliidae.
- kirbyi* Foerster (Wahnesia), 1900: 105 (no descr., hab. Bongu, N.E. New Guinea). See *kirbyi* Lieftinck, next item.
- kirbyi* Lieftinck (*Argiolestes*), 1935c: 217, 228—229, fig. 11—12. Lectotype ♂. N. Guinea Biró 1899 Sattelberg, Huon Golf, 22.III.1899 (printed labels), Wahnesia Kirby, in Dr. Pongrácz' handwriting (MBUD). — Megapodagrionidae.
- Although no specific description of *A. kirbyi* was given by Förster, the name was validly proposed and should be attributed to Förster, not Lieftinck. See Förster, 1900: 105 (*Wahnesia* n.g. with types *W. Kirby* n.sp. and *montivagans* n.sp., in MBUD, both nom. nud.; and Lieftinck (1938: 78).
- Correctly classified as *A. kirbyi* (Foerster).
- laidlawi* Lieftinck (*Burmargiolestes*), 1960a: 236—237. Type series (3 ♂ 1 ♀ from N. India, Darjeeling distr., and 2 ♂ 1 ♀ from Gopaldhara, same distr.) ex Indian Museum, Calcutta (?), possibly destroyed.
- Nom. nov. pro *Argiolestes melanothorax*: Laidlaw (1917: 323—325, pl. 15 fig.

1, ♂ Darjeeling), nec *A. melanothorax* Selys, 1891a (Burma).

Type-species of *Burmargiolestes* Kennedy, 1925, who founded the genus on the Indian species (see Lieftinck, op. cit.).

leonorae Lieftinck (*Idiocnemis*), 1949a: 95—96, fig. 106—107. Holotype ♂. N.E. New Guinea, Huon Gulf, "Bidung [or Bulung?] gebiet, Ogeramnang, 1500—2000 m, 1914" (F. Förster's handwriting), No. 2499 of the Förster collection (UMMZ). — *Platycnemididae*.

leonorae Lieftinck (*Teinobasis*), 1937b: 97—99, fig. 22. Holotype ♂. Malay Peninsula, Penang I., Staudinger vend., ex coll. F. Förster (UMMZ). — *Coenagrionidae*.

Synonymous with *T. rajah* Laidlaw, 1912.

liberata Lieftinck (*Tramea*), 1949b: 371—372. Holotype ♂. Solomon Is., Guadalcanal I., XII.1920, J. A. Kusch (CAS). — *Libellulidae*.

Now *Trapezostigma liberata* (Lieftinck).

malaisei Lieftinck (*Rhipidolestes*), 1948e: 7—9, fig. 4—5. Holotype ♂. N.E. Burma, Kambaiti, 2000 m, 28.V.1934, R. Malaise (NRS). — *Megapodagrionidae*.

manicaria Williamson (*Metaleptobasis*), 1915 (♂). First described ♀. Trinidad, Sangre Grande, 5.III.1930, G. Belmontes (ROMT). See Geijskes, 1932: 260—262, fig. 17—28. — *Coenagrionidae*.

marsyas Lieftinck (*Drepanosticta*), 1965a: 173, 178—180, fig. 3—7. Holotype ♂. Malay Peninsula, Pahang, Cameron's Highlands, 4—5000 ft., 15.VI.1935, H. M. Pendlebury 1937—472 (ex F. M. S. Mus.), with red type-disk and "Drepanosticta marsyas ♂ Type" [nom. in litt.] in F. F. Laidlaw's handwriting (BM). See Kimmins, 1970: 174 (the month of capture should be June, not April). — *Platystictidae*.

martini Ris (*Argiocnemis*), 1900 (♂). First described ♀ (imperfect). Admiralitäts Inseln [Admiralty Is.], N.-Küste, Seeadler Hafen, Papitalei, No. 140 der Hamburg Südsee Expedition, 18-20.X.1908, G. Duncker (ZMH). See Lieftinck, 1949b: 347. — *Coenagrionidae*.

Now *Mortonagrion martini* (Ris).

mauritii Williamson (*Metaleptobasis*), 1915 (♂). First described ♀. Trinidad, Sangre Grande, 26.I.1930, G. Belmontes (ROMT). See Geijskes, 1932: 258—260, fig. 15—16. — *Coenagrionidae*.

melidora Lieftinck (*Palaiaargia*), 1953e: 241—244, fig. 4. Holotype ♂ and first described ♀. Waigeu I. (off N.W. New Guinea), Camp Nok, 2500 ft., III-IV.1938, L. E. Cheesman. Holotype ♂ with collector's note: "lateral stripe of thorax pale gr(een), dorsally blue, mac(ulae) of abdomen blue" (BM). See also Kimmins, 1970: 188. — *Coenagrionidae*.

merina Lieftinck (*Argiocnemis*), 1965c: 254—255, fig. 12. Holotype ♂. Madagascar, Prov. Tamatave, Fampanambo, 19.XI.1958, F. Keiser et al. (NMB). — *Coenagrionidae*.

microstigma Lieftinck (*Argiolestes*), 1956b: 72, 99—101, fig. 40—41. Holotype ♂. Papua, Mafulu, 4000 ft, I.1934, L. E. Cheesman (BM). See Kimmins, 1970: 197. — *Megapodagrionidae*.

mima Lieftinck (*Libellago*), 1932a: 2—4, fig. 1. Holotype ♂. Borneo, with labels "63/mimus Borneo" (yellow) "Micr. mimus S. ♂ Borneo" (white), the last two in de Selys' writing; L. mima Lieft., holotype, det. M.A.L. (IRSN). — *Chlorocyphidae*.

A synonym of *L. semiopaca* (Selys).

montivagans Foerster (*Wahnesia*), 1900: 105 (no descr., hab. Bongu, N. E. New Guinea).

See next item (same species).

montivagans Lieftinck (*Argiolestes*), 1935c: 204, 214—217, 233—234 (sub *A. sidonia* Martin). Lectotype ♂ and first described ♀. N. Guinea Biró 1899 Simbang Huon Golf, 18.II.1899 (print), *Wahnesia montivagans*, in Dr. Pongrácz' writing (MBUD).

See explanation sub *A. kirbyi* Lieft. (huj. op.).

Currently classified as *A. montivagans* (Foerster).

nasiterna Lieftinck (*Palaiargia*), 1938: 99—100, fig. 34—35. Holotype ♂. Waigau I., off N.W. New Guinea, ex Staudinger (SMF). — *Coenagrionidae*.

nigrolutea Lieftinck (*Teinobasis*), 1962: 19, 29—31, fig. 8. Holotype ♂ and first described ♀. E. Caroline Is. (Micronesia), Ponape I., S. of Nanpohnmal, 17.I.1953, Clarke (♂ USNM 65140). — *Coenagrionidae*.

occipitalis Belle (*Epigomphus*), 1970: 15—18, fig. 27—36. Holotype ♂ and first described ♀. Perú, Mishuyacu, Iquitos, Amazon, 16.VII.1930 (♂) and 26.III.1930 (♀), Klug, cat. no. 15116 and 15118, respectively (SMF). — *Gomphidae*.

ochrostomus Lieftinck (*Argiolestes*), 1949a: 48—49, fig. 14—16, 25. Holotype ♂ and first described ♀. "Waigiu [Waigau I., off N.W. New Guinea], Staudinger vend., ex coll. F. Ris (SMF). — *Megapodagrionidae*.

olivaceus Lieftinck (*Heliogomphus*), 1961a: 143—145, fig. 50. Holotype ♂. Philippine Is., Palawan I. group, Busuanga I. (Calamianes), Dimaniang, near sea level, III.1947, H. Hoogstraal (CNHM). — *Gomphidae*.

orchestra Lieftinck (*Idionyx*), 1953c: 193—196, fig. 65—67. Holotype ♂ and first described ♀. Sumba I. (Lesser Sunda Is.), W. Sumba, Waimangura, 436 m, 12-26. VIII.1949 (Sumba Exped. 1949, NMB XII C 241). — *Corduliidae*.

orestes Lieftinck (*Gomphus*), 1939b: 285, 287—290, fig. 5—6. Holotype ♂ and first described ♀. E. China, Fu Kien, near Kwa Tun, 2300 m, 8.VI.1938 (♂) and 19.V.1938 (♀), J. Klapperich (MKB). — *Gomphidae*.

Transferred to genus *Sinogomphus* May.

oryzae Lieftinck (subsp. of *Ischnura aurora* Brauer), 1962: 44, fig. 13. Holotype ♂ and first described ♀. Ryukyu Is., Okinawa I., Chizuka, VII. 1945, Bohart & Harnage (♂ USNM 65143, ♀ USNM). — *Coenagrionidae*.

palauense Lieftinck (*Pseudagrion*), 1962: 36—38, fig. 10. Holotype ♂. W. Caroline Is. (Micronesia), Palau Is., Babelthup I., Melekeiok-Ngardok Lake, 24.II.1936, Esaki (KU). — *Coenagrionidae*.

palauensis Lieftinck (*Drepanosticta*), 1962: 14—16, fig. 3. Holotype ♂ and allotype ♀ (in cop.). W. Caroline Is. (Micronesia), Palau Is., Babelthup, jungle 2 mi. N.W. of Ngiwal, 21.V.1957, Sabrosky (USNM 65135). — *Platystictidae*.

palauensis Lieftinck (*Teinobasis*), 1962: 19, 21, fig. 4—5. Holotype ♂. W. Caroline Is. (Micronesia), Palau Is., Koror I., 15-24.III.1948, Maehler (USNM 65136). — *Coenagrionidae*.

palawana Lieftinck (*Prodasineura*), 1948a: 232—234, fig. 4. Holotype ♂. Palawan

I., labelled "Palawan, Fruhst(orfer)", in de Selys' handwriting (IRSN). — Proto-neuridae.

pallida Belle (Phyllocycla), 1970: 109—111, fig. 168—170. Holotype ♂. Brazil, Santa Catarina (Nova Teutonia), 4.XII.1949; ex coll. K. H. Buchholz (MKB). — Gomphidae.

pechumani Belle (Epigomphus), 1970: 19—20, fig. 37—41. Holotype ♂. Colombia (CUI). — Gomphidae.

peleus Lieftinck (Gomphus), 1939b: 285, 291—294, fig. 9—10. Holotype ♂. E. China, Fu Kien, near Kwa Tun, 2300 m, 31.V.1938, J. Klapperich (MKB). — Gomphidae.

A topotypical ♂ paratype was taken I.VI.1938 by the same collector (ML).

Now placed as *Sinogomphus peleus* (Lieftinck).

petalura Lieftinck (Oligoaeschna), 1968a: 150, 175—176, fig. 8. Holotype ♂. Hainan I., Mt. Wuchi, 24.V.1903, 1911—288, Jagoria sp., det. D. E. Kimmins (BM). — Aeshnidae.

philippa Lieftinck (Drepanosticta), 1961a: 132—133, fig. 45B, 46A-C. Holotype ♂ and first described ♀. Philippine Is., Luzon, Abra prov., Massisat, creek in mountain gully, 21.V.1946, H. Hoogstraal (CNHM). — Platystictidae.

ponapensis Lieftinck (Teinobasis), 1962: 20, 24—26, fig. 7. Holotype ♂. E. Caroline Is. (Micronesia), Ponape I., Mt. Nghneni, 730 m, VI-IX.1950, Adams (USNM 65138). — Coenagrionidae.

prometheus Lieftinck (Gomphus), 1939b: 278—281, fig. 1—2. Holotype ♂ and first described ♀. E. China, Fu Kien, near Kwa Tun, 2300 m, 5.VI.1938 (♂) and 25.VI.1938 (♀), J. Klapperich (MKB). — Gomphidae.

A topotypical ♂ paratype was taken the same day as the holotype (ML).

Type-species of *Fukienogomphus* H. F. Chao.

proselytus Lieftinck (Protolestes), 1965c: 246. Lectotype ♂. E. Madagascar, Ambodirafia, XI, Olsufieff. — Megapodagrionidae.

This is one of the specimens described and figured by the late Erich Schmidt as *Protolestes Fickei* Foerster, which is a different species. See Schmidt, 1951: 147—150, fig. 22a, 23c, 24, 26a-b; and Lieftinck, op. cit., who proposed the new name.

The lectotype (ex coll. E. Schmidt) is at present in Dr. S. Asahina's collection (Tokyo).

prothoracalis Lieftinck (Argiolestes), 1956b: 72, 98—99, fig. 33—34. Holotype ♂. N.E. New Guinea, Kokoda, 1200 ft., VI.1933, L. E. Cheesman (BM). See Kimmins, 1970: 197. (The original locality is wrongly given as in "Northern Papua"). — Megapodagrionidae.

pulverulans Lieftinck (Nesolestes), 1965c: 239—240, fig. 3—5. Lectotype ♂ and first described ♀. Madagascar, Prov. Fianarantsoa, Ranomafana, 22.I.1958, F. Keiser et al. (NMB). — Megapodagrionidae.

pusilla Lieftinck (subsp. of *Agrionoptera sanguinolenta* Lieft.), 1962: 71, 76—77, fig. 20c, 21g, 22k-l. Holotype ♂ and first described ♀. Caroline Is. (Micronesia), Truk I., Wena I. (Moen), Nantuka (Civil Adm. Area), 31.I.-27.IV.1949, Potts (♂ USNM 65147, ♀ USNM). — Libellulidae.

pylades Lieftinck (Gomphus), 1939b: 285—287, fig. 3—4. Holotype ♂. E. China, Fu Kien, near Kwa Tun, 2300 m, 24.V.1938, J. Klapperich (MKB). — Gomphidae.

Transferred to *Sinogomphus* May.

- pytho* Lieftinck (*Drepanosticta*), 1937b: 68—70, fig. 7. Holotype ♂. W. Sumatra, Padang 1913 (?Rolle vend.), labelled on paper triangle "Platysticta Grosskopf, W. Sumatra, Padang", in F. Förster's handwriting (UMMZ, coll. no. 1252). — Platystictidae.
- radama* Lieftinck (*Nesolestes*), 1965c: 241—243, fig. 8. Holotype ♂ and first described ♀. Madagascar, Prov. Tananarive, Moramanga, 9.X.1958 (♂) and Prov. Tamatave, Périnet, 4.XII.1957 (♀), F. Keiser et al. (NMB). — Megapodagrionidae.
- ramajana* Lieftinck (*Disparoneura*), 1971a: 194, fig. 3—4. Holotype ♂ (immature). Ceylon, Central Prov., Horton Plains, 7000 ft., 12 mi. S.S.E. of Nuwara Eliya, loc. 163, 19.III.1962, Lund Univ. Ceylon Exped. 1962 (ZIUL). — Protoneuridae.
- sanguinolenta* Lieftinck (*Agrionoptera*), 1962: 71, 74—75, fig. 20c-d, 21g-h, 22i-l. Holotype ♂ and first described ♀. E. Caroline Is. (Micronesia), Ponape I., Mt. Paipalap, 240 m, VI-IX.1950 (♂) and Agric. Exper. Sta., VI-IX.1950 (♀), Adams (♂ USNM 65146, ♀ USNM). Libellulidae.
- Now *A. sanguinolenta sanguinolenta* Lieft.
- sanguinolenta* Lieftinck (*Rhinocypha*), 1961a: 125—128, fig. 44a. Holotype ♂. S. Philippine Is., Mindanao I., Davao Prov., E.-slope of Mt. McKinley, 2500 ft., 7.IX.1946, F. G. Werner (CNHM). — Chlorocyphidae.
- schoederi* Belle (*Cyanogomphus*), 1970: 27—29, fig. 48—51. Holotype ♂. Brazil, Tapájos, Amazon, V.1920, A. H. Fassl, coll. no. 15235 (SMF). — Gomphidae.
- septima* Martin (*Macromia*), 1904 (♀). First described ♂. Java, Fr[uhstorfer] [18]93 (IRSN). See Lieftinck, 1929a: 67, 100—101, fig. 19—20. — Corduliidae.
- simonae* Lieftinck (*Tanymecosticta*), 1969a: 208—210, fig. 3—5. Holotype ♂. Kei Is., labelled "Protosticta? Platysticta auriculata? Key" (pink label in R. Martin's handwriting) (MP). — Isostictidae.
- sinhalensis* Lieftinck (*Drepanosticta*), 1971a: 192—193, fig. 1. Holotype ♂. Ceylon, Prov. Sabaragamuwa, Deerwood, Kuruwita, N.N.W. of Ratnapura, loc. 90III, 18-21.III.1962, Lund Univ. Ceylon Exped. 1962 (ZIUL). — Platystictidae.
- solitaris* Lieftinck (?*Anisogomphus*), 1971a: 199—203, fig. 5 & 9. Holotype ♂ (immature, with exuviae). Ceylon, Central Prov., Rambukpath Oya, 10 mi. N.W. of Hatton, loc. 153, 18.III.1962, Lund Univ. Ceylon Exped. 1962 (ZIUL). — Gomphidae.
- sophrosyne* Lieftinck (*Macromia*), 1952a: 442, 449—450, fig. 1, 8. Holotype ♂. Waigeu I. (off N.W. New Guinea), Camp Nok (Mt. Buffelhoorn), 2500 ft., IV.1938, L. E. Cheesman (BM). — Corduliidae.
- sutteri* Lieftinck (*Lestes* sg. *Indolestes*), 1953c: 142—145, fig. 3, 6. Holotype ♂ and first described ♀. Sumba I. (Lesser Sunda Is.), Central Sumba, Langgaliru, 400—600 m, 4-15.X.1949 (Sumba Exped. 1949, NMB XIIB 38). — Lestidae.
- symoensi* Lieftinck (*Phyllogomphus*), 1969c: 11—13, fig. 1. Holotype ♀. Congo, Katanga, Kafubu Region, Lubumbashi (Elisabethville), 1300 m, 28.XII.1960, J. J. Symoens, no. 8026 (MAT). — Gomphidae.
- telamon* Lieftinck (*Gomphus*), 1939b: 285, 290—291, fig. 7—8. Lectotype ♂. E. China, Fu Kien, near Kwa Tun, 2300 m, 30.V.1938, J. Klapperich (MKB). — Gomphidae.

A topotypical ♂ paratype was taken the same day (ML).

Transferred to genus *Sinogomphus* May.

thalia Lieftinck (*Macromia*), 1929a: 67, 103—104, fig. 21. Holotype ♂. Assam, Khasia Hills; ex coll. F. F. Laidlaw (BM). See Kimmins, 1968: 300. — *Corduliidae*.

thelmae Lieftinck (*Ischnura*), 1966b: 92—96, fig. 1. Holotype ♂ and first described ♀. South Pacific: Rapa I. (Oparu), Rapa Maïi Bay, 23.X.1963 (♂, USNM, reg. no. 68921) and Rapa Haurei, 3.XII.1963 (♀, USNM), J. F. Gates Clarke & Mrs. Thelma M. Clarke. — *Coenagrionidae*.

thelyphonus Lieftinck (*Microgomphus*), 1929b: 125—128, 130, fig. 17—20. Holotype ♂ and first described ♀. Java mer., H. Fruhstorfer, labelled "Microg. race de chelifer, à étudier" (♂) and "Microgomphus Fruhstorferi S", in de Selys' handwriting. Types selected by M.A.L. in description and labelled accordingly, from a total of 2 ♂ and 1 ♀ (IRSN). — *Gomphidae*. Plate 4.

Currently known as *Microgomphus chelifer thelyphonus* Lieft.

thisbe Lieftinck [subsp. of *Rhyothemis regia* (Brauer)], 1953c: 223—226. Holotype ♂ and first described ♀. Sumba I. (Lesser Sunda Is.), E. Sumba, Rende Wai, 100 m, 11-16.VI.1949 (Sumba Exped. 1949, NMB, XII C 346). — *Libellulidae*.

timorana Lieftinck (subsp. of *Rhinocypha pagenstecheri* Foerster), 1936a: 111—114, fig. 3. Lectotype ♂ and first described ♀. S. Timor I. (Lesser Sunda Is.), Kupang, XII.1931-I.1932, Ed. Handschin (NMB). — *Chlorocyphidae*.

tincta Rambur (*Rhinocypha*), 1842 (♂). First described ♀. Waigeou (lavender-coloured label in de Selys' writing) [Waigeu I., off N.W. New Guinea] (IRSN). See Lieftinck, 1938: 63—64, fig. 1. — *Chlorocyphidae*.

Now *R. tincta tincta* (Ramb.).

tonkinicus Fraser (*Onychogomphus*), 1926 (♂). First described ♀. Tonkin, Than-Moi, VI-VII, H. Fruhstorfer (print), with two labels "Heterogomphus naninus Foerst. ♀", and "Onychogomphus naninus Foerster ♀ Type", both in F. Förster's handwriting (UMMZ).

Now *Phaenandrogomphus tonkinicus* (Fraser), see Lieftinck, 1969a: 210—214, fig. 13—14.

trimaculata Lieftinck (*Drepanosticta*), 1939a: 149—151, fig. 3. Holotype ♂. Philippine Is., Luzon, Bilucau, 1876, L. Laglaize, with label in R. Martin's handwriting "Platysticta, près bicornuta ou bicornuta" (MP). — *Platystictidae*.

turconii Selys (*Rhinocypha*), 1891b: 215—216 (♂). First described ♀. Philippine Is., Mindanao I., Davao Prov., east slope of Mt. McKinley, 3000 ft., 22.IX.1946 (♂ ♀), F. G. Werner (CNHM). See Lieftinck, 1961a: 122—124. — *Chlorocyphidae*.

walkeri Geijskes (*Oligoclada*), 1931: 213—214. Holotype ♂. Trinidad I., Sangre Grande, 26.III.1930, G. Belmontes (ROMT). — *Libellulidae*.

wernerii Lieftinck (*Coeliccia*), 1961a: 137—138, fig. 48. Holotype ♂. Philippine Is., Palawan I., Iwahig, mountains W. of Lapulapu, 2—3000 ft., 1-2.III.1947, F. G. Werner (CNHM). — *Platycnemididae*.

yapensis Lieftinck [subsp. of *Agrionoptera insignis* (Ramb.)], 1962: 71, 72—73, fig. 20a, 21e, 22a-b. Holotype ♂ and first described ♀. W. Caroline Is. (Micronesia), Yap I., Ruul district, VII-VIII.1950, Goss (♂ USNM 65144, ♀ USNM). — *Libellulidae*.

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ADDENDA TO PART IV

argentea Ris (*Argyrothemis*), 1911 (♂). First described ♀. French Guyana, Massikiri, Oyapock, 16.XI.1969, Mission Balachowsky et al. (MP). See Geijskes, 1971: 668—669, fig. 2 A-B. — Libellulidae.

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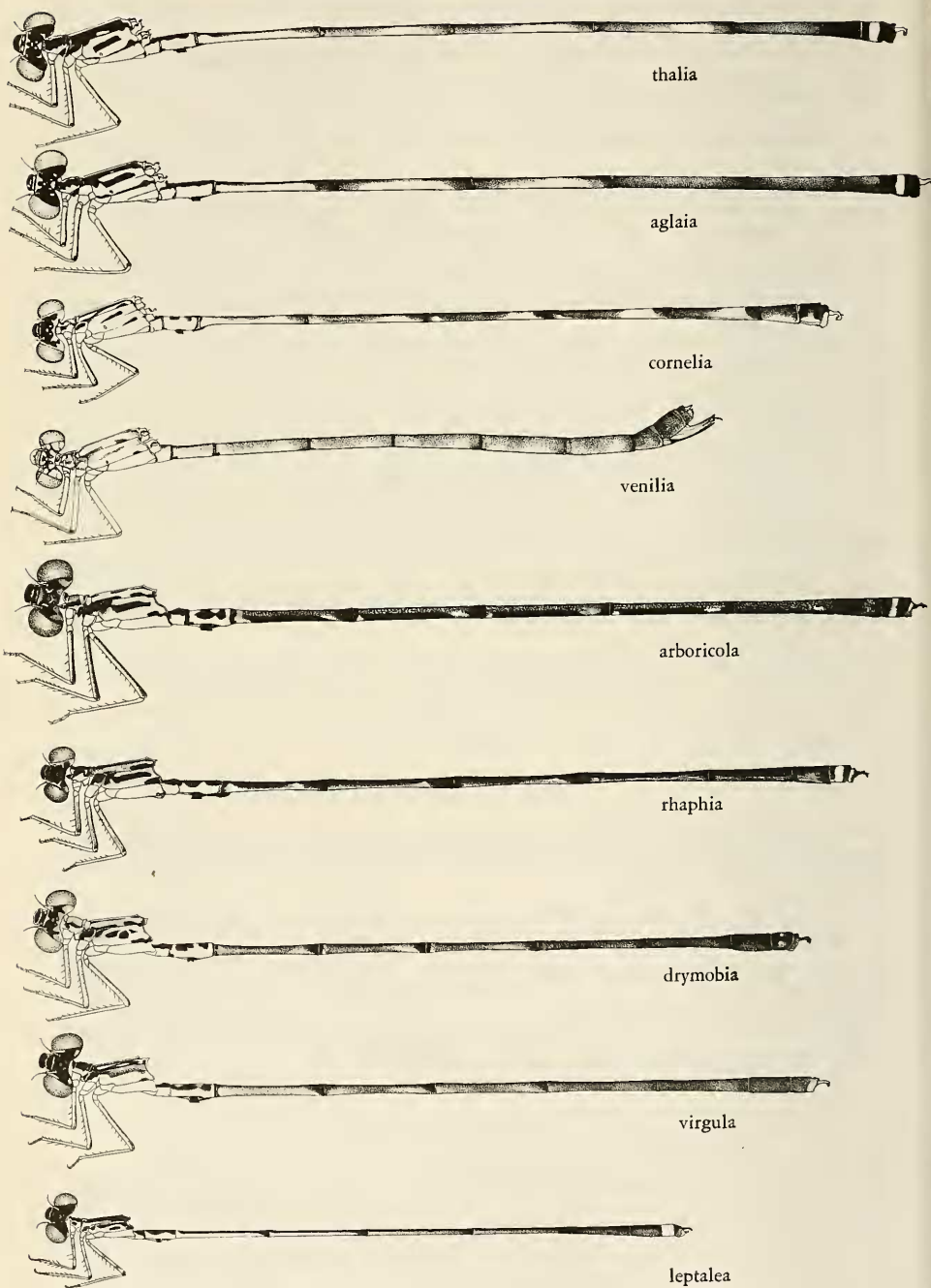
carminita Calvert (*Telebasis*), 1909 (♂). First described ♀. French Guyana, Savanne à Graminées, 30 km de Kourou vers Trakombo, 21.X.1969 (♂ ♀), Mission Balachowsky et al. (MP). See Geijskes, 1971: 660—663, fig. 1 F. — Coenagrionidae.

longitudinalis Ris (*Anatya*), 1919 (♂). First described ♀. French Guyana, Saut-Maripa, 25—27.XI.1969, at light (♂ ♀), Mission Balachowsky et al. (MP). See Geijskes, 1971: 672—673, fig. 3 A-B. — Libellulidae.

Now *Erythrodiplax longitudinalis* (Ris).

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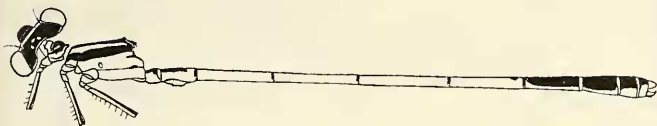


Genera *Selysioneura* and *Tanymecosticta*

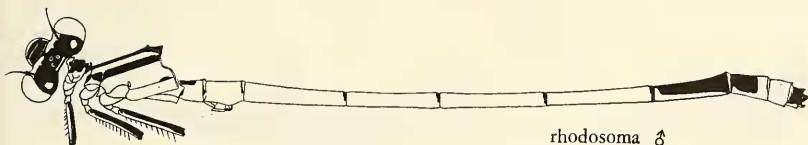
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mirifica ♂



viduata ♂



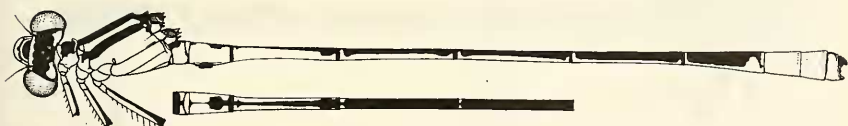
rhodosoma ♂



acuticauda ♂ ♀



ariel ♂



sagittiferum ♂ ♀

Genera *Archboldargia*, *Ischnura* and *Austroallagma*

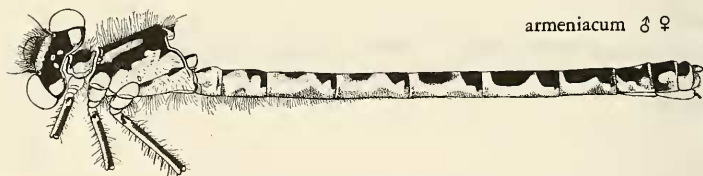
M. A. LIEFTINCK : Catalogue of type-specimens of Odonata



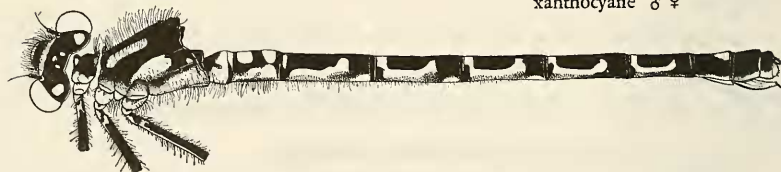
oreadam ♂ ♀



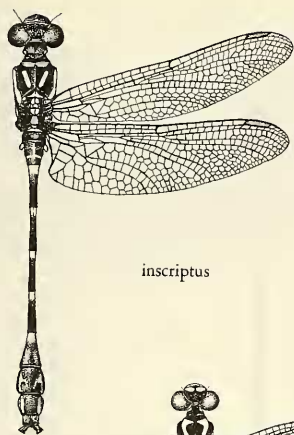
armeniacum ♂ ♀



xanthocyane ♂ ♀



Genus *Oreagron*



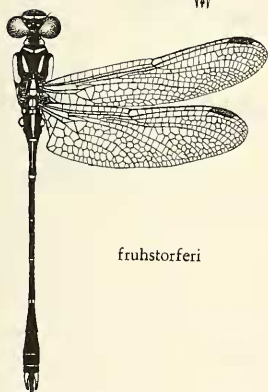
incriptus



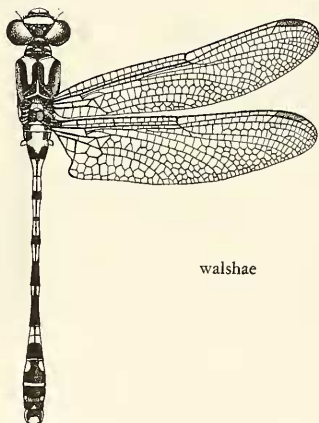
drescheri



thelyphonus



fruhstorferi



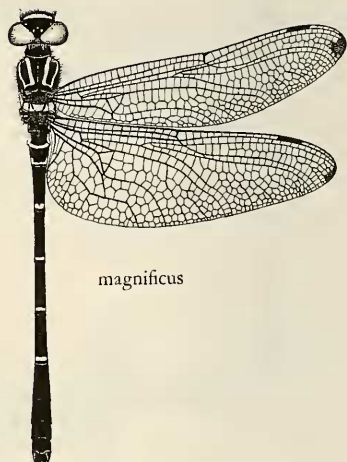
walshae

Genera *Burmagomphus*, *Heliogomphus*, *Onychogomphus* and *Acrogomphus*

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acuta



magnificus



tachyerges



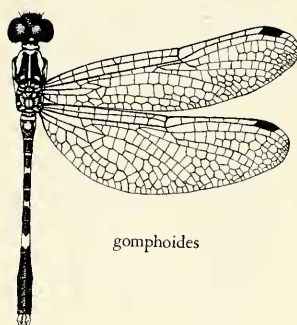
dictatrix

Genera *Chlorogomphus*, *Paragomphus*, *Plattycantha* and *Oreaeschna*

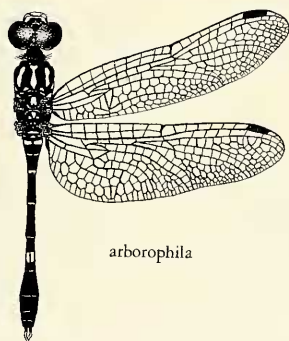
M. A. LIEFTINCK : *Catalogue of type-specimens of Odonata*



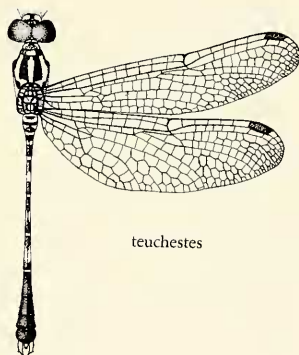
silvarum



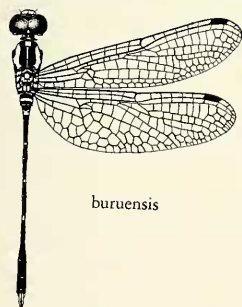
gomphoides



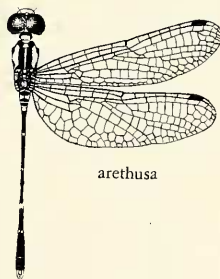
arborophila



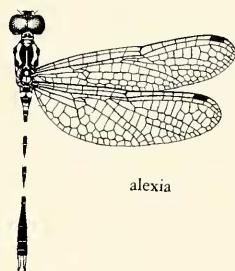
teuchestes



buruensis



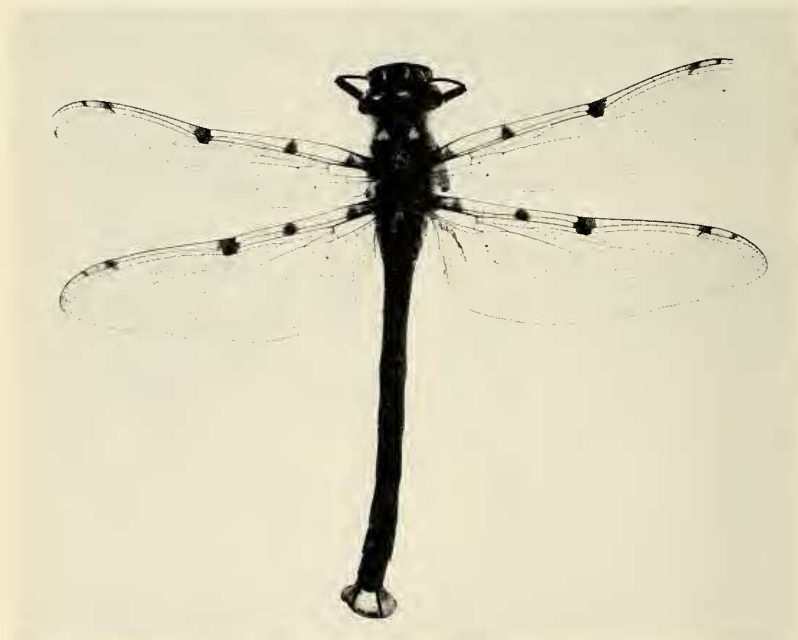
arethusa



alexia

Genera *Nannopblebia*, *Bironides*, *Microtrigonia*, *Orthetrum* and *Huonia*

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Photos Ch. HOORN JR.

Above: *Nannophyopsis chalcosoma* Lieftinck, ♂; below: *Neopetalia punctata* (Selys), first described ♀

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